COMMERCIAL PANEL GUIDE

Honeywell

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Profile

We are a world leader in comfort and security, offering state-of-the-art solutions for residential and commercial installations. Millions of business owners, security experts and government officials choose Honeywell products with confidence—knowing they provide customized, cost-effective protection and seamless integration for almost any application.

Products

Product offerings include integration-ready fire and burglary controls, access control, CCTV, wireless devices, keypads, sensors, long range radio, structured wiring and more. Designed and engineered for seamless integration, all control systems and peripherals support common technologies.

Commitment to Quality

Our products are built in world-class production facilities, and are subject to rigorous testing exceeding industry standards for quality and performance. Honeywell equipment complies with all ISO-9001 protocols, an internationally recognized standard that defines a quality assurance system.

Customer and Technical Support

Our team of experienced, dedicated customer and technical support specialists are always at your service. Whether your question deals with technology, product selection and compatibility or troubleshooting, they have the solution.

MyWebTech

An invaluable reference tool, MyWebTech lets security dealers research the latest technical data on Honeywell security products 24 hours a day, seven days a week from the very same comprehensive library technicians use in the company's call centers. Highlights include quick and easy access to technical data, FAQs, direct wires, installation instructions and a convenient search-by-feature library. You may obtain a user name and password by calling 800-573-0154.

Resource Directory

Customer Service 800-573-0154
Tech Support 800-645-7492
Inside Sales 800-467-5875
Fax Back System 800-573-0153
Emergency Service 800-421-5557
Long Range Radio 800-222-6525

Web site . . . . . www.honeywell.com/security

Glossary of Terms

AAV: Audio Alarm Verification, also known as 2-way voice to the central station. The LYNX-REN has this feature built-in. The LYNX-R can use the LYNX-AVM, other panels can be used with an Eagle Model 1250 or other appropriate module. The control panel will trigger this module upon kissoff from the central station receiver and microphones and speakers connected to the Eagle board will allow a 2 way voice dialog between the central station operator and the protected premises.

Addressable Control Panels: Addressable Control Panels make it easier to pinpoint the exact alarm and trouble conditions. This exact pinpointing is accomplished by having all addressable devices connected to a single two-conductor circuit called a Signaling Line Circuit (SLC) and assigning each addressable device with a unique address. The control panel is able to "interrogate" each addressable device and display its' status at the control panel. This signal will report the exact location of any alarm or trouble condition of an addressable device on the SLC.

Addressable Devices: Any module that connects to the panel's ECP (keypad) bus requires a specific address which identifies this device to the control. Devices are either addressed via dip switches, software, or have fixed addresses. These devices include keypads, expansion modules, wireless receivers and transmitter modules, telephone modules, and some AlarmNet radio transmitters.

APM: (VISTA-128BP, VISTA-128FBP, VISTA-250BP and VISTA-250FBP). Alpha Paging Module - ADEMCO model V8201. Wires to the panel's J8 connector via a 4142TR cable.

Alarm Cancel Verification: In the event of a false alarm, after the user enters their code + OFF, "Cancelled Alarm" is displayed on an alpha keypad confirming the alarm has been cancelled at the central station. "CA" will be displayed on a fixed English keypad.

Alarm Signal: A signal indicating an emergency requiring immediate action, such as a signal indicative of fire.

Analog Initiating Device (Sensor): Like an addressable device, this type of initiating sensor pinpoints its alarm and trouble conditions. Additionally, analog sensors are capable of sending analog values (sensitivity) that represent the amount of smoke or heat at the sensing chamber. Several features of analog systems are:

- The control panel can individually set the sensitivity of each sensor in the system (high, low & medium)
- The control panel can change the sensitivity of all the sensors in the system to make them more sensitive at night or on weekends when the building is not occupied.
- The sensor can send a maintenance alert to the control panel when it is becoming dirty and may false alarm
- The sensor can send to the control panel its sensitivity level
- Drift compensation – During the life of the sensor it gets dirty and becomes more sensitive. The control panel can compensate for the drift by adjusting the alarm threshold and achieve constant sensitivity

Annunciator: A unit containing two or more indicator lamps, alphanumeric displays, or other equivalent means in which each indication provides status information about a circuit, condition, or location.

Audible Exit Warning: When the system is armed in the Away or Maximum mode, the keypads will sound a warning of slow beeps and change to fast beeps for the last 5 or 10 seconds. The VISTA-20PS has a feature where the system can be programmed to display the exit time remaining in intervals of 1-5 seconds.

Audible Signal: An audible signal is the sound made by one or more audible notification appliances such as bells, horns or chimes in response to the operation of an initiating device.

Authority Having Jurisdiction (AHJ): The organization, office or individual responsible for approving equipment, an installation or a procedure. The AHJ is typically the local Fire Marshal.

Auto Stay: If the user arms the system in the Away mode but does not exit before the exit delay expires, the system will arm in the Stay mode.

Glossary of Terms

Automatic Fire Detectors: Fire produces well-defined signatures such as thermal energy (heat), smoke, and radiant energy. Fire alarm system designers normally select automatic fire detectors such as heat and smoke detectors to detect these signatures in accordance with the requirements of the National Fire Alarm Code.

Bells: Bells may be of the single-stroke or vibrating type. They may be provided with 4-inch through 12-inch gongs (in 2-inch increments). The 6- and 10-inch sizes are the most commonly used. Usually, bells with 4-inch gongs are reserved for use as trouble signals. Generally, the larger the diameter of the gongs, the lower the frequency and the louder the audible signal (expressed in decibels [Db]).

Class A Circuit: Class A refers to an arrangement of monitored initiating device circuit, signaling line circuit or notification appliance circuit that prevents a single open or ground on the installation wiring of these circuits from causing loss of the system's intended function.

Class B Circuit: Class B refers to an arrangement of initiating device circuit, signaling line circuit or notification appliance circuits that permits a single open or ground on the installation wiring of these circuits to cause loss of the system's intended function.

Compatibility Listed: A specific listing process that applies only to devices that receive their operating power from the control panel such as 2-wire smoke detectors. Underwriters Laboratory and Factory Mutual are the most common listing organizations.

Conventional Control Panels: Conventional fire alarm systems use a supervisory current to monitor the integrity of the initiating device circuit (IDC) and notification appliance circuit (NAC). Each IDC and NAC will usually have several devices connected and any change in the circuit supervisory current will be indicated at the control panel. The control panel will display which circuit is in alarm or trouble; however, if there is more than one device connected to an IDC or NAC it will not indicate which device is in alarm or trouble. This makes pin pointing the exact location of an alarm or trouble condition extremely difficult. Typically, an IDC will cover a building zone. A building zone can cover an area up to 20,000 square feet and have up to 25 devices connected to the IDC.

Cross Zoning: For use in false alarm prone areas, 2 zones may be linked together so that an alarm will occur only if both zones trip within a specific time period.

Digital Alarm Communicator Receiver (DACR): A system component installed at the supervising station, such as a central station, that will receive and display signals from the digital alarm communicator transmitters (DACTs), located at the protected premises, sent over the public switched telephone network.

Digital Alarm Communicator Transmitter (DACT): A system component at the protected premises to which initiating devices or groups of devices are connected. The DACT will seize the connected telephone line, dial a pre-selected number to connect to a DACR located at the supervising station and transmit signals indicating a status change of the initiating device.

ECP: Enhanced Console Protocol, or another term for the keypad bus. See Addressable Devices.

Event Log: System events can be stored for later retrieval. Some panels allow retrieval at an alpha keypad, others require connection with the Compass downloading software. The VISTA-128BP, VISTA-128FBP, VISTA-250BP and VISTA-250FBP can also be programmed to print this information directly from the panel. This requires a 4100SM and a serial printer, such as the ADEMCO 6220S. These can alternatively support a parallel printer using the V8201 Alpha Paging Module.

Exit Delay Reset: After arming Away and exiting, if the user reenters before the expiration of the exit delay, the exit delay is reset.

Exit Delay Restart: Also called Quick exit. If the system is armed in the Stay mode, this allows the user to restart the exit and entry delay by pressing the * key.

Exit Error Logic/Exit Alarm: Alerts the user and allows for correction in the event the exit door is left open. Sends an unique report to the central station.

Glossary of Terms

Expansion: The type of hard wired and RF (wireless) zone expansion. VISTA-20P, VISTA-20PS use 4219 or 4229 modules for zone expansion. The VISTA-128BP, VISTA-128FBP, VISTA-250BP and VISTA-250FBP use multiplexing (aka: polling loop or V-Plex). All wireless expansion is 5800 series.

Fire Alarm Control Unit (Panel): A system component that receives inputs from automatic and manual fire alarm devices and may supply power to detection devices and transponder(s) or off premises transmitter(s). The control unit may also provide transfer of power to the notification appliances and transfer of condition to relays or devices connected to the control unit. The fire alarm control unit can be a local fire alarm control unit or master control unit.

General Alarm: When a general alarm pull station is activated it will immediately sound the notification appliances throughout the building. This is the most common type of pull station.

Hardwired short detection: The VISTA-15 can be programmed to detect a short circuit on any hardwired zone which will result in a trouble condition if the system is disarmed. If the system is armed, an alarm will be generated.

Heat Detectors: Heat detectors respond to the thermal energy (heat) signature from a fire and they are generally located on or near the ceiling. They respond when the detecting element reaches either a predetermined fixed temperature or when a specified rate of temperature rise occurs.

Fixed-Temperature Heat Detectors: These detectors initiate an alarm when the detecting element reaches a predetermined fixed temperature. One draw back of this type of heat detector is that when the detector activates, the temperature of the air surrounding the detector has exceeded the predetermined temperature set point. Therefore there is a lag in time between the time the temperature reaches the predetermined point and when the detector activates. This is called thermal lag.

Non-restorable Fixed Temperature Detectors: This type of heat detector uses a fusible element made from a eutectic metal alloy such as lead or tin that melts rapidly at a predetermined temperature (commonly 135 degrees F). The operation of the detector destroys either the entire unit (or at least the operating element) that the system maintainer must replace.

Restorable Fixed Temperature Detectors: This type of fixed temperature heat detector uses a bimetallic element. The bimetallic element has two metal strips bonded together with different coefficients of thermal expansion. When the bimetallic element is heated it will create a bending action. This bending action will close a normally open contact thereby initiating an alarm. After operating, the bimetallic type automatically restores when the temperature falls to a point below the set point of the detector.

Rate-of-Rise Detector: A rate-of-rise detector will operate when the rate of temperature increase from a fire exceeds a predetermined level, typically around 5 degrees F in twenty seconds or 15 degrees F per minute. Small, normal changes in ambient temperature that can be expected under non-fire conditions will not operate the detector. These heat detectors are restorable and are typically combined with the fixed temperature heat detector.

Combination Detector: These detectors can contain more than one sensing element to respond to a fire. Examples include a combination fixed-temperature/rate-of-rise heat detector, or a combination of a smoke detector and a heat detector. Fixed temperature/rate-of-rise heat detectors are the most common combination heat detector. The advantage of a fixed temperature/rate-of-rise detector is that the rate-of-rise element is more responsive to a rapidly developing fire while the fixed temperature element responds to a fire that develops slowly.

Rate-of-Rise-Compensated Fixed Temperature Detector: In a slowly developing fire, this form of detector responds when the temperature of the air surrounding the detector reaches a predetermined level. In a rapidly developing fire, the detector anticipates the air temperature reaching the operating point accelerating the operation of the detector. This produces a fixed temperature detector with virtually no thermal lag. Rate compensated heat detectors are considerable more expensive than fixed temperature or rate-of-rise/fixed temperature detectors.

Horns: Horns are used for applications that require louder or more distinctive signals, or both. Horns may require more operating power than bells; therefore, care should be taken to see that circuits are electrically compatible when powering horns. They may be of the surface (grille), flush, semi-flush, single projector, double projector, or trumpet type. In very noisy areas such as a factory, resonating, air-powered or motor-driven horns are sometimes used because of their inherently high decibel output.

Glossary of Terms

H/W zones built-in: The number of standard hard wired zones included with the panel

Initiating Device: A system component that originates transmission of a change of state condition, such as a smoke detector, manual fire alarm box, supervisory switch, etc.

Initiating Device Circuit (IDC): A circuit to which automatic or manual initiating devices are connected where the signal received does not identify the individual device operated. Another common term used is zone.

Keyfob zones: Wireless keys that can be programmed without taking away from the number of maximum zones in the panel.

Keypad Macros: Allows a shortcut to simplify various system commands.

Listed: Equipment, materials or services published by an organization acceptable to the Authority Having Jurisdiction that evaluates materials, products or services. The listing organization maintains periodic production inspections of listed equipment or materials or periodic evaluation of services. The listing states either that the equipment has been tested and the material or services meets identified standards.

Magnetic Door Holders: Electromagnetic (magnetic) door holders are designed to hold-open doors during normal conditions and close when the fire alarm system has been activated.

Magnetic door holders operate on loss power or as it is more commonly referred to as fail-safe. For example, if the power to a magnetic door hold-open device is interrupted, the door will close or fail-safe just as it is designed to do during an alarm condition.

Manual Pull Stations: Manual fire alarm boxes (or as they are more commonly called pull stations) have a lever on the outside of a metal or plastic enclosure that contains a switch that is housed within the enclosure. A person pulling a lever on the outside of the enclosure will activate the switch inside the enclosure. Once actuated, the pull station must be manually reset to restore the unit to a normal non-alarm condition.

LRR output and Dynamic Signaling: The panel can support AlarmNet radios connected to the ECP (keypad) bus. This allows for extremely simple connections and programming of a 7845C, 7835CF, 7720PLUS, and 7820 radio transmitter for backup reporting to the central station. The radios will transmit all messages programmed to go to the primary telephone number. Dynamic Signaling allows you to assign which method of transmission will have priority and how long to wait before transmitting on the other medium. Eg: If the dialer has priority and is acknowledged before the programmed delay expires, then the message will not need to be sent using the radio. If for some reason the dialer message is not acknowledged by the end of the delay period, the message will be transmitted via the radio.

Max zones: The maximum number of total zones supported by the panel.

Night-Stay Mode: Designates certain interior zones to remain active while others are bypassed.

Notification Appliance: A fire alarm system output component such as a bell, horn, speaker, strobe, printer, etc., that provides an audible or visible output, or both. Another common term used is signal.

Notification Appliance Circuit (NAC): A circuit or path directly connected to a notification appliance. Another common term used is signal circuit or bell circuit.

Paging: VISTA-20PS,VISTA-128BP, VISTA-128FBP, VISTA-250BP and VISTA-250FBP uses the secondary telephone number to send messages to a numeric pager. This limits the number of attempts the control panel will make to reach the central station to 8. The panels use a separate alpha paging module which requires adding a 4100SM (serial module) and a separate telephone line. They can also send messages to a numeric pager without adding a separate module but requires an ADEMCO VA8201 alpha pager module to send messages to an alpha pager, and can support up to 8 different pager telephone numbers.

Panic keys: Keypad panic zones in addition to standard zones.

Glossary of Terms

Partitions: Some control panels have the ability to be programmed for multiple partitions, which allows the single control to protect different areas as if each had its own control.

Photoelectric Beam Smoke Detector: In a photoelectric beam smoke detector, a light source and a photosensitive sensor are arranged across a protected space so that the rays from the light source normally fall on the photosensitive sensor. When smoke particles enter the light path, the intensity of the light is reduced, causing the detector to initiate a fire alarm signal.

PLM: (VISTA-128BP, VISTA-128FBP, VISTA-250BP and VISTA-250FBP). Panel link Module - ADEMCO model V8200. Used for networking panels together. One PLM is required on each panel linked together. The PLM is connected to the panels ECP bus and communicated to each PLM via a RS-485 connection (3 wire twisted cable).

Programmable Function Keys: The A-B-C-D keys on a 6150 or 6160 keypad used on a VISTA-20PS panel can be individually programmed to perform any of the following functions:

- panic zone
- single button paging
- display date and time (returns to normal display after 30 seconds)
- arm away, stay, or night-stay
- step arming (cycles once from stay, to night-stay, to away)
- output device activation
- communication test
- macro (shortcut of up to 16 keystrokes not including the user code).

Programmable outputs: Relays, X-10 (Power Line Carrier) devices, or on board triggers that can be used to activate LED's, strobes, additional sounders, lights, garage doors, etc. Depending on the control panel selected, the outputs can be controlled by system events or by schedules or both.

Programmable Zone Types: (VISTA-20PS). Unique zone types may be added for various custom responses. Configurable options include response to entry/exit delays, response to opens and shorts, sounding, fault and dialer delays, and unique contact id codes. The VISTA-20PS supports four programmable zone types.

Pull Station:

Breakglass or Nonbreakglass: To initiate an alarm, a breakglass pull station must break a glass rod in order to actuate the station. Activated breakglass pull stations are easily identifiable. They also discourage tampering and consequently false alarms. Non-Breakglass pull stations do not have the breakglass feature.

Single Action: A single action of pulling a lever or other movable part initiates an alarm.

Double Action: Two actions are necessary to initiate an alarm. Usually a door must be opened or a cover must be lifted in order to pull the lever to initiate an alarm.

Pre-signal: When a pre-signal pull station is activated it will cause an alarm signal to sound only at designated area such as a security office. The subsequent actuation of a key switch on the pull station or on the control panel will cause an evacuation signal to sound throughout the building. Pre-signal pull stations are commonly used in hospitals or university campuses.

Record Drawing: Blueprints, also called as-built drawings, that document the location of all devices, appliances, wiring sequences, wiring methods and connections of the fire alarm system components as they are installed. These drawings are essential to test and maintain the system.

Record of Completion: Formerly called the Certificate of Completion, this is an NFPA document that confirms that a system has been installed properly and operates in accordance with the National Fire Alarm Code (NFPA 72).

Schedules: Schedules can be used to turn output devices on and off, to limit the access of certain user codes, automatically arm or disarm the system, or other similar functions.

Glossary of Terms

Signaling Line Circuit (SLC): A circuit to which initiating and/or notification appliances are connected. The signal received does identify the individual device operated. Another commonly used term is addressable loop.

Smoke Detectors: Typically, fires that occur in family living units or office buildings produce detectable quantities of smoke before they produce detectable levels of heat. Therefore, fire alarm system designers use smoke detectors more extensively today than heat detectors.

Smoke Detector - Ionization: Ionization smoke detectors are more responsive to sensing invisible smoke particles produced by flaming type fires, like those produced from flammable liquids. An ionization smoke detector has a small amount of radioactive material that ionizes the air in the sensing chamber, thereby rendering it conductive and permitting a current flow through the air between two charged electrodes. When smoke particles enter the chamber, they attach themselves to the ionized air molecules and decrease the conductivity between the electrodes. When the reduction in conductivity reaches a pre-set threshold, the electronic circuit will initiate a fire alarm signal.

Smoke Detector - Photoelectric: A light source and a photosensitive sensor are arranged so that the rays from the light source do not normally fall on the photosensitive sensor. When smoke particles enter the light path, some of the light is scattered by reflection and refraction onto the sensor, causing the detector to initiate a fire alarm signal. Industry experts agree that photoelectric smoke detectors are usually more responsive to detecting visible particles of combustion from burning carpet, furniture upholstery and drapes.

Smoke Detector – Two-wire: Two-wire smoke detectors receive their operating power and initiate an alarm from the same pair of wires, the Initiating Device Circuit (IDC). Because they receive their operating power from the initiating device circuit, there are two very important considerations when installing them:

- Detector compatibility with a control panel
- Quantity of detectors per initiating circuit.

Smoke Detector – Four-wire: Four-wire smoke detectors receive their operating power and initiate an alarm from separate circuits. They receive their operating power from an auxiliary power circuit and they initiate an alarm from the initiating device circuit. The auxiliary power supply for 4-wire units can either be a separate power supply or integral to the control panel. Either way, the power supply must be UL listed for fire alarm use and be interruptible for smoke detector reset

Speakers: Speakers are generally operated from audio amplifiers housed in the control panel that delivers a standard output line levels of 70.7 or 25 volts rms. Speakers are driven by an electronic tone generator, microphone, tape player, or voice synthesizer and an electronic amplifier.

Spot-Type Detector: A device whose detecting element is concentrated at a particular location. Typical examples are heat detectors and smoke detectors.

Sprinkler Systems: An automatic sprinkler system consists of sprinkler heads located throughout the building that are connected to a metal piping system. This piping system is connected to the municipal water supply. When heat produced from a fire reaches a predetermined fixed temperature it will trip the sprinkler head and discharge water from the piping system to extinguish the fire. The fire alarm system should monitor the operation of automatic sprinkler systems with listed fire alarm initiating devices such as water flow switches and supervisory switches.

Wet Pipe Systems: Wet pipe systems are the most common. The piping system is filled with water at all times in wet pipe systems. Water will only discharge though sprinkler heads that have been activated.

Dry Pipe Systems: Dry pipe sprinkler systems are typically used where there is a potential for the water in the piping system to freeze such as in unheated warehouse spaces or large commercial freezer rooms. Pressurized air is maintained in the piping system to hold back the water supply. When a sprinkler head is activated and opens, the air bleeds out thereby lowering the pressure in the piping system and starting the flow of water to the open sprinkler head. Water will only discharge though sprinkler heads that have been activated.

Water Flow Switches: When a sprinkler head is tripped by heat produced from a fire, water in the piping system will start flowing, activating the water flow switch. The activated water flow switch will initiate an alarm signal to the fire alarm control panel.

Glossary of Terms

Sprinkler System Control Valve Supervision: The main reason for sprinkler system failure is do to inadvertent control valve closure. A closed control valve will shut off the water supply to the sprinkler heads. Sprinkler system control valves are used to shut off the water supply to all or a portion of the piping system so that maintenance, service or alterations can be performed. Therefore, the monitoring of the control valve position is essential and is accomplished by connecting supervisory switches to the control valves.

When a control valve is closed it will activate the supervisory switch and send a supervisory signal to the fire alarm control panel. When the control valve is opened it will restore the supervisory switch and the fire alarm control panel to their normal condition.

Strobes: Stroboscopic lights (commonly called "strobes") operate on the energy discharge theory to produce a high intensity flash of short duration. The short bright flash is not only attention getting, but is effective when general visibility is low. Strobe appliances come in a wide range of light intensities that are measured in candelas (cd). Typical strobe candela ratings are 15cd, 30cd, 15/75cd and 75cd. Repetition rates are usually between one and five flashes per second.

Supervisory Signal: A signal indicating the change in status in connection with the fire suppression system or equipment, or with the maintenance features of related systems. For example, a supervisory signal could indicate that a sprinkler system supply value is closed.

Telephone Line Fault Monitor: The system constantly monitors the phone line for proper voltage. Upon a phone line failure, the panel can be programmed to either display this condition at the keypads, display and sound a trouble at the keypads, or display, sound, and cause an output to activate (strobe light, siren, backup transmission device, etc).

Telephone Module: Allows a local or remote touch-tone telephone to act as a keypad. This feature is accomplished by adding 4285 or 4286 module. The FA4286 module has the additional capabilities of supporting up to 2 4500 thermostats and external speakers.

Trouble Signal: A signal initiated by the fire alarm system, indicative of a fault in a monitored circuit or component. For example, a trouble signal could indicate a break in the circuit wiring or a detector that is not operating properly.

Two-Way Fire Department Communications System: An electrically monitored telephone system providing private voice communications capability between the fire command center or central fire control unit and designated remote locations. Phones or phone jacks can be installed at the remote locations. Usually this type of system is installed in high-rise buildings, such office buildings or condominiums, over seven stories in height.

Visible Signal: A visible signal is the response to the operation of an initiating device by one or more direct or indirect visible notification appliances. For a direct visible signal, the sole means of notification is by direct viewing of the light source.

Voice Evacuation Panel: A critical function of a fire alarm system is notifying the building's occupants that there is a fire within the building thereby allowing them to safely exit the building. Typically, when a fire alarm system is activated it will sound conventional notification appliances such as horns, bells or chimes.

However, the occupants of a building may not be familiar with the evacuation routes in public assembly occupancies or high rise buildings and will be unable to safely exit the building. Therefore, voice evacuation panels are required to automatically transmit pre-recorded or live voice evacuation instructions over speakers in public assembly occupancies such as places of worship, restaurants, gymnasiums, theaters and auditoriums.

V-Plex: AKA the polling loop or multiplexing. It is a method of zone expansion that provides power and data on the same pair of wires. See Expansion.

Zone: A defined area within the protected premises. A zone may define an area from which a signal can be received, an area to which a signal can be sent, or an area in which a form of control can be executed.

ADEMCO Panel Comparison

PANEL	MAX zones	HW-Std	HW-Exp	V-Plex	5800 zones	Keyfob zones	Partitions	Zone Doubling	Keyswitch	Users	Outputs	Event Log	Line Fault
VISTA-20PS	48	8	40	—	40	16	2	Up to 7 (zones 2-8)	YES	48	18 (16 + 2 triggers)	100	YES
VISTA-128BP	128	9	119	119	128	—	8	—	YES	150	96	512	YES
VISTA-250BP	250	9	241	241	249	—	8	—	YES	250	96	1000	YES
VISTA-32FB	32	8	24	24	32	—	2	—	YES	75	96	512	YES
VISTA-128FBP	128	8	120	120	128	—	8	—	YES	150	96	512	YES
VISTA-250FBP	250	8	242	242	249	—	8	—	YES	280	96	1000	YES

ADEMCO Panel Comparison

PANEL	2 wire smokes	4 wire smoke	Access Control	Single Button Arming	Schedules	Programable zone types	Keypad macros	Pager	4285 4286	AAV
VISTA-20PS	16 on zone 1	Zones 2-48	Relays	YES	32	4	4	4	YES	EAGLE
VISTA-128BP	16 on zone 5	Zones 1-8	Relays VGM VistaKey	—	20	—	32	YES	YES	EAGLE
VISTA-250BP	16 on zone 1	Zones 1-8	Relays VGM VistaKey	—	20	—	32	YES	YES	EAGLE
VISTA-32FB	16 on zone 1	Zones 1-8	Relays VGM VistaKey	—	20	—	32	YES	YES	EAGLE
VISTA-128FBP	16 on zone 1	Zones 1-8	Relays VGM VistaKey	—	20	—	32	YES	YES	EAGLE
VISTA-250FBP	16 on zone 1	Zones 1-8	Relays VGM VistaKey	—	20	—	32	YES	YES	EAGLE

ADEMCO Panel Comparison

PANEL	Aux Power	Alarm Power	Max# Keypads	ECP Radio	Max# 4204	Max# 4219/ 4229	Vent Zone	Custom Words	Up & About	X-10 Transformer
VISTA-20PS	12v 600mA	2 amps	8	YES	4	5	YES	10	—	4300
VISTA-128BP	12v 750mA	1.7 amps	31 addressable device	YES	15	—	YES	60	YES	4300
VISTA-250BP	12V 1 amp	1.7 amps	31 addressable device	YES	15	—	YES	60	YES	—
VISTA-32FB	12v 1 amp	1.5 amps/ 2.3 amps	31 addressable device	YES	15	—	—	60	—	—
VISTA-128FBP	12v 1 amp	1.5 amps/ 2.3 amps	31 addressable device	YES	15	—	—	60	—	—
VISTA-250FBP	12v 1 amp	1.7 amps	31 addressable device	YES	15	—	YES	60	YES	—

ADEMCO Panel Comparison

PANEL	Swinger Shutdown	Auto Stay	Cross Zoning	Exit Alarm	Quick Exit/Exit Restaurant	Exit Delay Reset	Panel Linking	Night Stay Mode	Chime by Zone	Dynamic Signaling	Graphic Support
VISTA-20PS	0, 1or 2 per zone	YES	YES	YES	YES	YES	—	YES	YES	YES	YES
VISTA-128BP	1-15 alarms	—	YES	YES	YES	YES	YES	YES	YES	YES	YES
VISTA-250BP	1-15 alarms	YES	YES	YES	YES	YES	YES	YES	—	YES	YES
VISTA-32FB	1-15 alarms	—	YES	YES	—	YES	—	—	—	YES	NO
VISTA-128FBP	1-15 alarms	—	YES	YES	—	YES	—	—	—	YES	YES
VISTA-250FBP	1-15 alarms	YES	YES	YES	YES	YES	YES	YES	—	YES	YES

ADEMCO VISTA-20PS
Two Partition Control with Graphic Support

The VISTA-20PS is an eight-zone control panel specifically designed to support Honeywell's intuitive graphical user interfaces. The graphic user interfaces provide homeowners with the easiest way to operate their security system and take advantage of home management features, providing a great upsell opportunity for dealers.

FEATURES:

- Eight on-board hardware zones standard (15 when Zone Doubling feature is used)
- Expandable to 48 total zones when used with hardwired and/or wireless expansion modules
- Wireless keys can be programmed without using zones
- 16 output devices
  – Relays (Model 4204 Relay Modules, or 4229 Expansion Module), and/or
  – X-10® devices (when used with a 4300 Transformer)
- Two low current on-board trigger outputs
- 100 Event Log viewable at system keypads with time/date stamp
- 48 system user codes assignable to either partition
- Two independent partitions plus a common partition
  – Global Arming from any system keypad
  – *Goto* function to view or operate one partition from the other
  – Separate partition account numbers
- Four installer configurable zone types allows the installer to create custom zone types by assigning all zone attributes
- Multiple actions on output devices depending on system "state"
  – Turns lights off when system arms
  – Turns the same light on when system disarms
  – Flashes same lights when system is in alarm
- Built-in phone line cut monitor with programmable delay and annunciation options
  – Display on system keypads
  – Trigger local sounders
  – Trigger system bell
- Supports four-wire, and up to 16 two-wire smokes
  – Works with Sentrol CleanMe™ maintenance signal

Valuable End User Features

- Compatible with Honeywell's Graphic User Interfaces
- Now viewable on system keypads:
  – Exit countdown
  – Time and date display*
  – Event log*
- Auto keypad backlighting on entry
- Keyswitch arming
- Programmable macro buttons and single-button arming
- A variety of wireless remote controls for single-button operation
- User Scheduling
  – Automatically activates X-10 and relays at programmed times
  – Latchkey reports to pagers
  – Auto arm/disarm
  – "User access" time windows
- Supports up to four end-user numeric pagers
- VIP Module allows system control from any touchtone phone
- Chime by zone

Security Dealer Features

- False alarm prevention features to help reduce false alarms
- Automatic System Load Shed
  – During extended AC power fail, the system battery will be disconnected to prevent irreversible battery failure. Reduces service calls to replace batteries
- Dynamic Signaling
  – Reduces redundant reporting to the central station when multiple reporting methods are used; i.e. digital dialer and AlarmNet radio

**Requires custom alpha keypad*

ADEMCO VISTA-20PS
Two Partition Control with Graphic Support

SPECIFICATIONS:

Electrical
- Aux. power 12VDC, 600mA maximum
- Seven hour standby at 400mA aux. load with four amp hour battery
- 16.5VAC/25VA transformer
- Alarm output 12VDC, 2.0 amps maximum
- For UL installations, combined aux. and alarm output cannot exceed 700mA

Output Control
- Supports up to four relay boards (up to 16 relays)
- Optional X-10 transformer/interface (part no. 4300) may be used to control up to 16 X-10 receiving devices

Zones
- Eight hardwired zones (15 with zone doubling)
- Selectable response 10msec, 350msec, 750msec
- Assignable to any partition
- 20 selectable zone types plus four configurable zone types
- Programmable swinger suppression

Expansion Devices
- 4219 – Eight hardwired zones – 16mA
- 4204 – Up to four relays – 15mA standby (each active relay draws an additional 40mA)
- 4229 – Eight hardwired zones and two relays – 36mA (each active relay draws an additional 40mA)

Accessories
- 4286 VIP Voice Module – 220mA
- 5881ENL RF Receiver supports up to eight zones – 60mA, 5881ENM supports up to 16 zones – 50mA, 5881ENH up to 40 zones – 50mA
- 5883 Transceiver supports up to 40 zones – 80mA
- Supports Eagle 1225 and 1221 boards

Keypads
- 6160/6139 Custom English (required for programming) – 150mA/40mA (6160) 130mA/40mA (6139)
- 6150/6128 Fixed English LCD – 70mA/40mA (6150), 40mA/20mA (6128)
- 6150RF Fixed English LCD with built-in receiver 105mA/80mA

Agency Listings
- UL Residential Fire, Burglary and CSFM

Smoke Detectors
- Supports up to 16 two-wire smoke detectors
- Supports four-wire smoke detectors

Communications
- Touchtone or pulse
- Formats supported
  - ADEMCO Contact ID
  - ADEMCO 4 + 2 Express
  - ADEMCO low speed
  - Sescoa/Radionics
- 3 + 1, 4 + 1 and 4 + 2 reporting
- Reporting capabilities
  - Split
  - Dual
  - Split/Dual – True dial tone detection
- Low battery reports 11.2 – 11.6VDC
- AC loss and restoral reporting supported

ORDERING:

Part No.	Description
VISTA-20PS	Control Panel

ADEMCO VISTA-128BP

128 Zone UL Commercial Burglary Control Panel

The ADEMCO VISTA-128BP is an eight partition, 128 zone UL commercial burglary control panel that meets the demanding requirements of today's commercial installations while simplifying end-user operation.

A revolutionary feature called panel linking allows multiple partitions, panels—even buildings—to be armed, disarmed and have status checked all from one location. Up to eight VISTA-128BP panels can be linked together, and the control can be integrated with Honeywell's PassPoint system (via the Vista Gateway Module) to provide a fully integrated security and access control system. The VistaKey Access Control system and the VistaView-100 CCTV Switcher can also be seamlessly integrated with this powerful commercial platform.

FEATURES:

- Provides nine style-B hardwired zones
- Supports up to 119 additional zones using a built-in polling (multiplex) loop interface
- Supports up to 128 wireless zones using 5881 type RF receiver (fewer if using hardwired and/or polling loop zones)
- Provides one power-limited bell circuit delivering 1.7Amp (max) at 12Vdc.
- Provides the ability to control eight separate partitions independently, each functioning as if it had its own separate control
- Accommodates 150 user codes with seven authority levels
- Accommodates 32 keypad macro commands per system
- Keeps a log of up to 512 events
- VistaView-100 CCTV support
- Supports up to 16 two-wire smoke detectors on zone 1
- Supports up to 50 latching-type glassbreak detectors on zone 8
- Zone 7 may be used for keyswitch arming/disarming
- Integrates with PassPoint access control systems to provide increased users, event log, and scheduling (up to 32 doors)
- Supports V-Plex addressable VistaKey access control (up to eight doors and 250 cards)
- Easily programmed and maintained by the newly upgraded Compass Windows-based downloader
- Supports up to 96 programmable relays
- Supports the ADEMCO 4286 VIP Module
- False alarm reduction features
- Panel Linking (up to eight panels)
- Two-Way RS232 (facility automation software support) optional
- Supports eight numeric pager numbers
- Supports touch screen Advanced User Interface (AUI) (Future)
- Smoke Detector Reset at keypad
- Quick Exit
- Group Bypass
- Arm Faulted
- Event Arming
- Scheduled check-in
- Arm Stay by group

ADEMCO VISTA-128BP
128 Zone UL Commercial Burglary Control Panel

Additional Features:

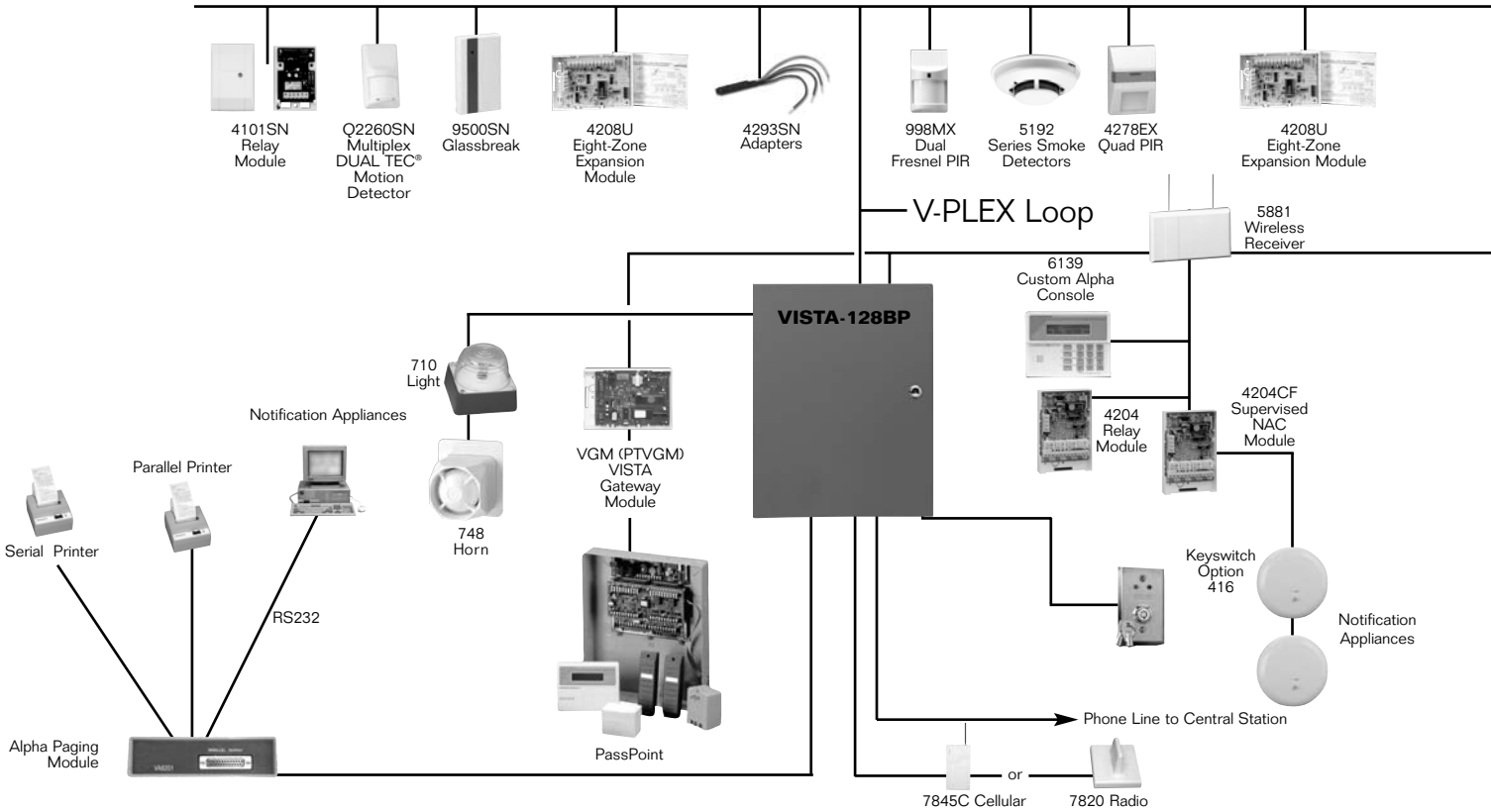
Basic Hardwired Zones
Provides nine style-B hardwired zones with the following characteristics:
- EOLR supervision (optional for zones 2-8) supporting N.O. or N.C. sensors (EOLR supervision required for fire and UL burglary installations)
- Individually assignable to one of 8 partitions
- Up to 16 two-wire smoke detectors on zone 1
- Four-wire smoke or heat detectors on zones 1-8 (power to four-wire smoke detectors must be supervised with an EOL device)
- Up to 50 two-wire latching glassbreak detectors on zone 8

Polling Loop Expansion
Supports up to 119 additional zones using a built-in polling (multiplex) loop interface. Current draw can total up to 128mA. Polling loop zones have the following characteristics:
- Must use RPM (Remote Point Module) devices
- Supervised by control panel
- Individually assignable to one of eight partitions

Wireless Expansion
Supports up to 128 wireless zones using 5881RF Receiver (fewer if using hardwire and/or polling loop zones). Wireless zones have the following characteristics:
- Supervised by control panel for check-in signals (except certain nonsupervised transmitters)
- Tamper protection for supervised transmitters
- Individually assignable to one of eight partitions

Scheduling
Provides the following scheduling capabilities:
- Open/close schedules (for control of arming/disarming and reporting)
- Holiday schedules (allows different time windows for open/close schedules)
- Timed events (for activation of relays, auto-bypassing and unbypassing, auto-arming and disarming, etc.)
- Access schedules (for limiting system access to users by time)
- End user output programming mode (provides 20 timers for relay control)

Eight Partitions
Provides the ability to control eight separate areas independently, each functioning as if it had its own separate control. Partitioning features include:
- A Common Lobby partition (1-8), which can be programmed to arm automatically when the last partition that shares the common lobby is armed, and to disarm when the first partition that shares the common lobby is disarmed
- A Master partition (9), used strictly to assign keypads for the purpose of viewing the status of all eight partitions at the same time (master keypads)
- All zones assignable to one of eight partitions
- Keypads assignable to one of eight partitions or to Master partition 9 to view system status
- Ability to assign relays to one or all eight partitions
- Ability to display fire and/or burglary and panic and/or trouble conditions at all other partitions' keypads (selectable option)
- Certain system options selectable for each partition, such as entry/exit delay and subscriber account number



ADEMCO VISTA-128BP
128 Zone UL Commercial Burglary Control Panel

New Enhancement Panel Linking
Panel Linking allows multiple control panels to be networked together and controlled from any keypad in the system:
- Control multiple zones, partitions, buildings from a central location
- Check status, arm and disarm any partition from any keypad in the system (based on user's authority level)
- Users can have a different authority level in each partition and access to different partitions in each panel
- Global Arming - users can arm and disarm all the partitions in all the panels they have access to, with one set of keystrokes

Applications
The VISTA-128BP control is well suited for a variety of applications as a burglary control and is supported by a diverse line of ADEMCO initiating devices. Applications include medical and professional buildings, supermarkets, churches or synagogues, office buildings, schools, universities, strip malls, larger residences and factory or warehouse environments.

Installation
The VISTA-128BP alarm system has been designed to mount both quickly and easily. It meets all applicable requirements for UL-Commercial Burglary installations, use the VISTA-ULKT kit when an attack resistant enclosure is required.

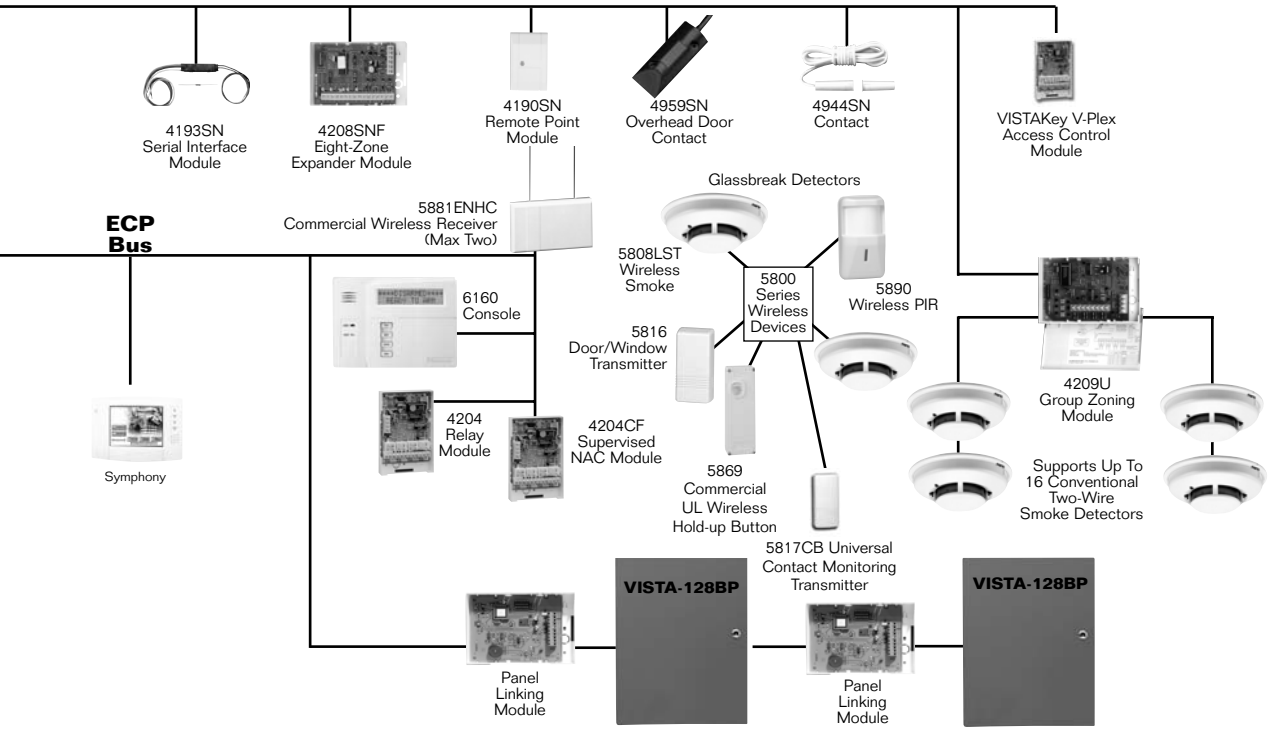
Agency Listings (all future)

Burglary:
- UL609 Grade A Local Mercantile Premises and Mercantile Safe and Vault
- UL611/UL1610 Grades A, AA Central Station
- UL365 Grades A, AA Police Connect
- UL985 Household Fire
- UL1023 Household Burglar Alarm
- California State Fire Marshall (CSFM)

Electrical:
- Voltage Input: From ADEMCO No. 1361 Plug-In Transformer (use 1361CN in Canada) or 4300 transformer (for X-10 installations) rated 16.5VAC, 40 VA
- Alarm Sounder Output: 10VDC-13.8VDC, 1.7 amps max., (UL1023, UL609 installations); 750mA less aux. current draw (UL985 installations)
- Auxiliary Power Output: 9.6VDC-13.8VDC, 750mA max. For UL installations, the accessories connected to the output must be UL Listed, and rated to operate in the above voltage range
- Backup Battery: 12VDC, 4AH or 7AH gel cell. YUASA NP4-12 (12V, 4AH) or NP7-12 (12V, 7AH) recommended
- Standby Time: 4 hours min. with 750 mA aux. load using 7 AH battery
- Circuit Protectors: PTC circuit breakers are used on battery input to protect against reverse battery connections and on alarm sounder output to protect against wiring faults (shorts). A solid state circuit breaker is used on auxiliary power output to protect against wiring faults (shorts)

Main Dialer
- Formats Supported: ADEMCO High Speed, ADEMCO 4 + 2 Express, ADEMCO Low Speed, ADEMCO Contact ID, Sescoa and Radionics Low Speed
- Line Seize: Double Pole
- Ringer Equivalence: 0.7B

Cabinet dimensions:
- 12-1/2" W X 14 1/2" H X 3" D



SPECIFICATIONS:

Compatible Devices
See compatibility chart for complete list

Auxiliary Devices
- 4204 – Relay Module, four form C contacts
- 4204CF – Two supervised output circuits
- 5881 Series – RF Receiver supporting 5800 wireless detectors
- 6160/6139 – Alpha Keypad/Annunciator
- 6220S – System Printer used with 4100SM Serial Module
- VA8200 – (PLM) Panel Linking Module
- VA8201 – (APM) Alpha Paging Module

Two-wire Smoke Detectors Conventional:
- System Sensor smoke detectors

Horn/Strobes:
- System Sensor Notification Appliances

Manual Pull Stations:
- 5140MPS-1
- 5140MPS-2

V-Plex (addressable) Devices:
- 4101SN Single Relay/Zone Module
- 4190SN Remote Point Module -– two zones
- 4193SN Two Zone Serial Interface Module
- 4208U Loop Expansion Module – eight zones
- 4208SNF Class A/B Expander Module
- 4209U Group Zoning Module – two/four zones
- 4293SN One Zone Serial Interface Module
- 4297 Isolation/Extender Module

V-Plex (addressable) Smoke Detectors:
- 5192SD
- 5192SDT

Passive Infrared Detectors:
- 998MX
- 4275EX-SN
- 4278EX-SN
- QUEST2260SN

V-Plex (addressable) Contacts:
- 4939SN-WH
- 4944SN-WH
- 4959SN, 9500SN

Glassbreak Detectors:
- 9500SN

VISTA Interactive Phone Module
- 4286 Voice Module

Long Range Radio:
- Long Range Radio 7720ULF-XX, 7835CZ, 7845C

Upgraded Software:
- Upgraded Compass Downloader Windows compatible

Wireless Devices:
- 5804 – Wireless Key
- 5804BD – Bi-Directional Key
- 5804BDV – Bi-Directional with voice
- 5804Watch – Wireless Key and full featured sports watch
- 5816 – Door/Window Transmitter
- 5819 – Shock Sensor
- 5827BD – Bi-Directional Keypad
- 5849 – Glassbreak Detector
- 5890 – PIR

Access Control:
- VISTAKey V-Plex (addressable) Access Control
- VISTAKey-SK Starter Kit
- VISTAKey-EX Expansion Kit
- VGM VISTA Gateway Module to PassPoint Access Control (Northern Computers)

CCTV
- CCTV – VISTAView-100 CCTV Switcher Module

Commercial Wireless Devices
- 5808LST – Wireless Smoke Detector†
- 5809 – Wireless Heat Detector
- 5817CB – Commercial UL Burglary, Universal Contact Monitoring Transmitter*
- 5869 – Commercial UL Wireless Hold-up Button*
- 5881ENHC

*When used with 5881ENHC Receiver.

† Not listed for commercial use with the VISTA-250BP, residential listing only.

ORDERING:

Part No.	Description
VISTA-128BP	Partitioned Commercial Burglary Alarm Platform

ADEMCO VISTA-250BP

250 Zone UL Commercial Burglary Control Panel

The ADEMCO VISTA-250BP is an eight partition, 250 zone UL commercial burglary control panel that meets the demanding requirements of today's commercial installations while simplifying end-user operation. A revolutionary feature called panel linking allows multiple partitions, panels – even buildings – to be armed, disarmed and have status checked all from one location.

Up to eight VISTA-250BP panels can be linked together, and the control can be integrated with Honeywell's PassPoint system (via the VISTA Gateway Module) to provide a fully integrated security and access control system. The VistaKey Access Control system and the VistaView-100 CCTV Switcher can also be seamlessly integrated with this powerful commercial platform.

FEATURES:

- Provides nine style-B hardwired zones
- Supports up to 241 additional zones using a built-in polling (multiplex) loop interface
- Supports up to 250 wireless zones using 5881 type RF receiver (fewer if using hardwired and/or polling loop zones)
- Provides 1 power-limited bell circuit delivering 1.7Amp (max) at 12Vdc.
- Provides the ability to control eight separate partitions independently, each functioning as if it had its own separate control
- Accommodates 250 user codes with seven authority levels
- Accommodates 32 keypad macro commands per system
- Keeps a log of up to 1,000 events
- VistaView-100 CCTV support
- Supports up to 16 two-wire smoke detectors on zone 1
- Supports up to 50 latching-type glassbreak detectors on zone 8
- Zone 7 may be used for keyswitch arming/disarming
- Integrates with PassPoint access control systems to provide increased users, event log, and scheduling (up to 32 doors)
- Supports V-Plex addressable VistaKey access control (up to 15 doors and 500 cards)
- Easily programmed and maintained by the newly upgraded Compass Windows-based downloader
- Supports up to 96 programmable relays
- Supports the ADEMCO 4286 VIP Module
- False alarm reduction features
- Panel linking (up to eight panels)
- Two-Way RS232 (facility automation software support) optional
- Supports eight numeric pager numbers
- Supports touch screen Advanced User Interface (AUI) (Future)
- Smoke Detector Reset at keypad
- Quick Exit
- Group Bypass
- Arm Faulted
- Event Arming
- Scheduled check-in
- Arm Stay by group

ADEMCO VISTA-250BP
250 Zone UL Commercial Burglary Control Panel

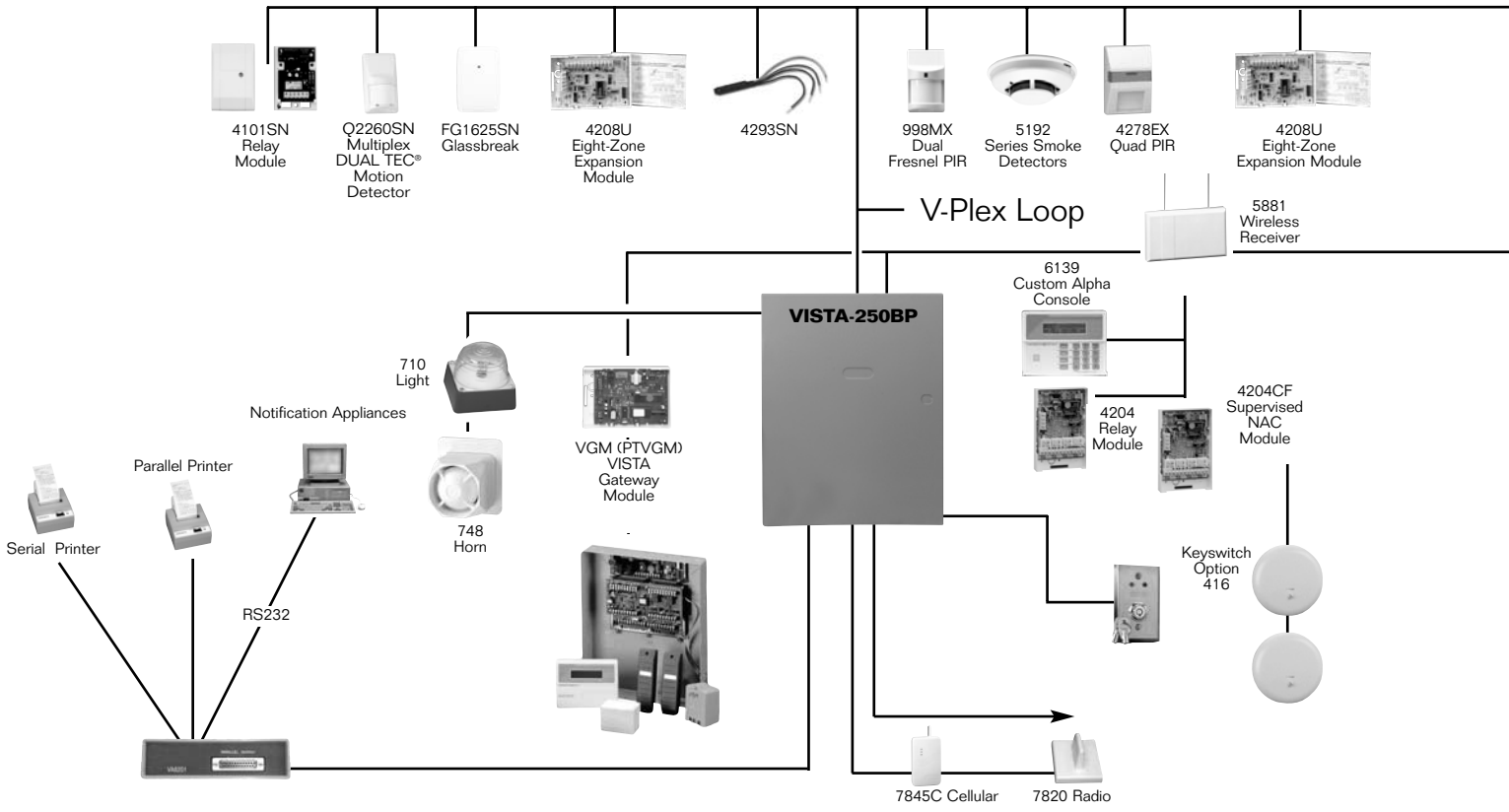
Additional Features
Basic Hardwired Zones
Provides nine style-B hardwired zones with the following characteristics:
- EOLR supervision (optional for zones 2-8) supporting N.O. or N.C. sensors (EOLR supervision required for fire and UL burglary installations)
- Individually assignable to one of 8 partitions
- Up to 16 two-wire smoke detectors on zone 1
- Four-wire smoke or heat detectors on zones 1-8 (power to four-wire smoke detectors must be supervised with an EOL device)
- Up to 50 two-wire latching glassbreak detectors on zone 8

Polling Loop Expansion
Supports up to 241 additional zones using a built-in polling (multiplex) loop interface. Current draw can total up to 128mA. Polling loop zones have the following characteristics:
- Must use RPM (Remote Point Module) devices
- Supervised by control panel
- Individually assignable to one of 8 partitions

Wireless Expansion
Supports up to 250 wireless zones using 5881 type RF receiver (fewer if using hardwire and/or polling loop zones). Wireless zones have the following characteristics:
- Supervised by control panel for check-in signals (except certain nonsupervised transmitters)
- Tamper protection for supervised transmitters
- Individually assignable to one of eight partitions

Scheduling
Provides the following scheduling capabilities:
- Open/Close Schedules (for control of arming/disarming and reporting)
- Holiday Schedules (allows different time windows for open/close schedules)
- Timed Events (for activation of relays, auto-bypassing and unbypassing, auto-arming and disarming, etc.)
- Access Schedules (for limiting system access to users by time)
- End User Output Programming Mode (provides 20 timers for relay control)

Eight Partitions
Provides the ability to control eight separate areas independently, each functioning as if it had its own separate control. Partitioning features include:
- A Common Lobby partition (1-8), which can be programmed to arm automatically when the last partition that shares the common lobby is armed, and to disarm when the first partition that shares the common lobby is disarmed
- A Master partition (9), used strictly to assign keypads for the purpose of viewing the status of all eight partitions at the same time (master keypads)
- All zones assignable to one of eight partitions
- Keypads assignable to one of eight partitions or to Master partition 9 to view system status
- Ability to assign relays to one or all eight partitions
- Ability to display fire and/or burglary and panic and/or trouble conditions at all other partitions' keypads (selectable option)
- Certain system options selectable for each partition, such as entry/exit delay and subscriber account number



ADEMCO VISTA-250BP
250 Zone UL Commercial Burglary Control Panel

New Enhancement PANEL LINKING
Panel Linking allows multiple control panels to be networked together and controlled from any keypad in the system:
- Control multiple zones, partitions, buildings from a central location
- Check status, arm and disarm any partition from any keypad in the system (based on user's authority level)
- Users can have a different authority level in each partition and access to different partitions in each panel
- Global Arming - users can arm and disarm all the partitions in all the panels they have access to, with one set of keystrokes

Applications
The VISTA-250BP control is well suited for a variety of applications as a burglary control. A diverse line of ADEMCO initiating devices support this extremely powerful control. Some of the applications supported are medical and professional buildings, supermarkets, churches or synagogues, office buildings, schools, universities, strip malls, larger residences and factory or warehouse environments.

Installation
The VISTA-250BP alarm system has been designed to mount both quickly and easily. It meets all applicable requirements for UL-Commercial Burglary installations, use the VISTA-ULKT kit when an attack resistant enclosure is required. (VISTA-250BP and VISTA-128BP both meet this requirement).

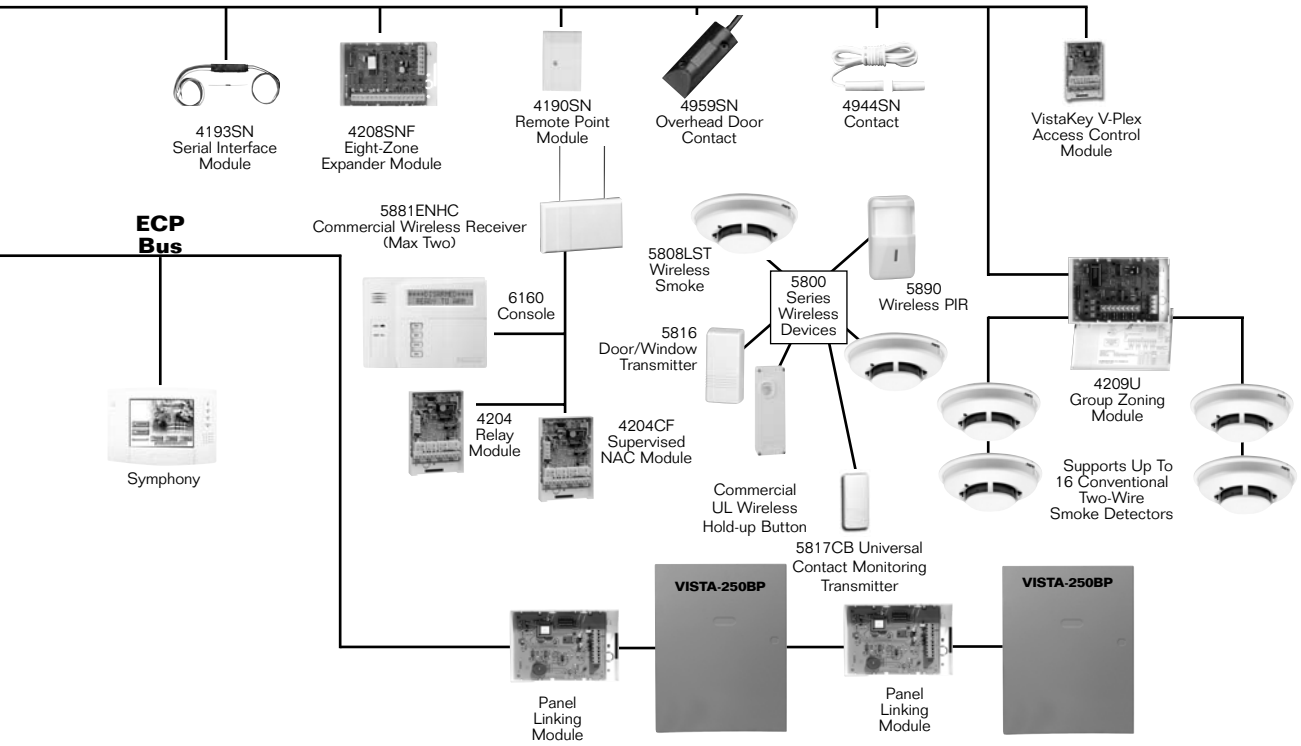
Agency Listings (all future)
Burglary:
- UL609 Grade A Local Mercantile Premises and Mercantile Safe and Vault
- UL611/UL1610 Grades A, AA Central Station
- UL365 Grades A, AA Police Connec
- UL985 Household Fire
- UL1023 Household Burglar Alarm
- California State Fire Marshall (CSFM)

Specifications

Electrical:
- Voltage Input: From ADEMCO No. 1361 Plug-In Transformer (use 1361CN in Canada) or 4300 transformer (for X-10 installations) rated 16.5VAC, 40 VA
- Alarm Sounder Output: 10VDC-13.8VDC, 1.7 amps max., (UL1023, UL609 installations); 750mA less aux. current draw (UL985 installations)
- Auxiliary Power Output: 9.6VDC-13.8VDC, 750mA max. For UL installations, the accessories connected to the output must be UL Listed, and rated to operate in the above voltage range
- Backup Battery: 12VDC, 4AH or 7AH gel cell. YUASA NP4-12 (12V, 4AH) or NP7-12 (12V, 7AH) recommended
- Standby Time: 4 hours min. with 750 mA aux. load using 7 AH battery
- Circuit Protectors: PTC circuit breakers are used on battery input to protect against reverse battery connections and on alarm sounder output to protect against wiring faults (shorts). A solid state circuit breaker is used on auxiliary power output to protect against wiring faults (shorts)

Main Dialer
- Formats Supported: ADEMCO High Speed, ADEMCO 4 + 2 Express, ADEMCO Low Speed, ADEMCO Contact ID, Sescoa and Radionics Low Speed
- Line Seize: Double Pole
- Ringer Equivalence: 0.7B

Cabinet dimensions:
- 12-1/2" W X 14 1/2" H X 3" D



ADEMCO VISTA-250BP
250 Zone UL Commercial Burglary Control Panel

SPECIFICATIONS:

Compatible Devices
See compatibility chart for complete list

Auxiliary devices
- 4204 – Relay Module, four form C contacts
- 4204CF – two supervised output circuits
- 5881 Series – RF Receiver supporting 5800 wireless detectors
- 6160/6139 – Alpha Keypad/Annunciator
- 6220S – System Printer used with 4100SM serial module
- VA8200 – (PLM) Panel Linking Module
- VA8201 – (APM) Alpha Paging Module

Two-wire smoke detectors conventional:
- System Sensor smoke detectors

Horn/Strobes:
- System Sensor Notification Appliances

Manual pull stations:
- 5140MPS-1
- 5140MPS-2

V-Plex (addressable) devices:
- 4101SN Single Relay/Zone Module
- 4190SN Remote Point Module –– two zones
- 4193SN Two Zone Serial Interface Module
- 4208U Loop Expansion Module – eight zones
- 4208SNF Class A/B Expander Module
- 4209U Group Zoning Module – two/four zones
- 4293SN One Zone Serial Interface Module
- 4297 Isolation/Extender Module

V-Plex (addressable) smoke detectors:
- 5192SD
- 5192SDT

Passive infrared detectors:
- 998MX
- 4275EX-SN
- 4278EX-SN
- QUEST2260SN

V-Plex (addressable) contacts:
- 4939SN-WH
- 4944SN-WH
- 4959SN, 9500SN

Glassbreak detectors:
- 9500SN

VISTA interactive phone module
- 4286 Voice Module

Long range radio:
- Long Range Radio 7720ULF-XX, 7835CZ, 7845C

Upgraded software:
- Upgraded Compass Downloader Windows compatible

Wireless devices:
- 5804 – Wireless Key
- 5804BD – Bi-directional Key
- 5804BDV – Bi-directional with voice
- 5804Watch – Wireless Key and full featured sports watch
- 5816 – Door/Window Transmitter
- 5819 – Shock Sensor
- 5827BD – Bi-directional Keypad
- 5849 – Glassbreak Detector
- 5890 – PIR

Access control:
- VistaKey V-Plex (addressable) Access Control
- VistaKey-SK Starter Kit
- VistaKey-EX Expansion Kit
- VGM VISTA Gateway Module to PassPoint Access Control (Northern Computers)

CCTV
- CCTV – VistaView-100 CCTV Switcher Module

Commercial Wireless Devices
- 5808LST – Wireless Smoke Detector†
- 5809 – Wireless Heat Detector
- 5817CB – Commercial UL Burglary, Universal Contact Monitoring Transmitter*
- 5869 – Commercial UL Wireless Hold-up Button*
- 5881ENHC

* When used with 5881ENHC receiver.

† Not listed for commercial use with VISTA-250BP, residential listing only.

ORDERING:

Part No.	Description
VISTA-250BP	Partitioned

ADEMCO VISTA-32FB

Commercial Fire/Burg/CCTV and Access Control Platform

Designed to integrate seamlessly with CCTV, access control and Honeywell's full range of fire and burglary components, the VISTA-32FB provides the ultimate protection of life and property. The UL listed Commercial Fire and Burglary Control Platform can control up to two separate partitions independently, and supports up to 32 zones/points using hardwired, wireless and addressable V-Plex technologies.

A diverse line of ADEMCO initiating devices, notification circuits, digital dialers, keypads, RF receivers and relays support this extremely powerful control platform. Advanced technology, combined with simple end-user operation, make the versatile VISTA-32FB the smartest choice for the most demanding applications.

FEATURES:

- Supports addressable V-Plex access control points using VistaKey (1 to 4 doors)
- Supports up to 16 doors of access control using Vista Gateway Module (VGM)*
- Supports CCTV applications with the new VistaView-100 CCTV Switcher Module
- Identifies the point or zone of a fire using the new FSA-8/FSA-24 Fire System Annunciator
- Supports eight hardwired zones, 24 V-Plex addressable points/zones, or 32 wireless points/zones
- Can control two separate areas (partitions) independently
- Stores up to 512 events and can accommodate 75 user codes
- New E2 Software Simplifies Programing
- Easily programmed and maintained with newly upgraded Compass Downloader Software
- Automatic smoke detector sensitivity maintenance testing
- Commercial UL Wireless Fire and Burg

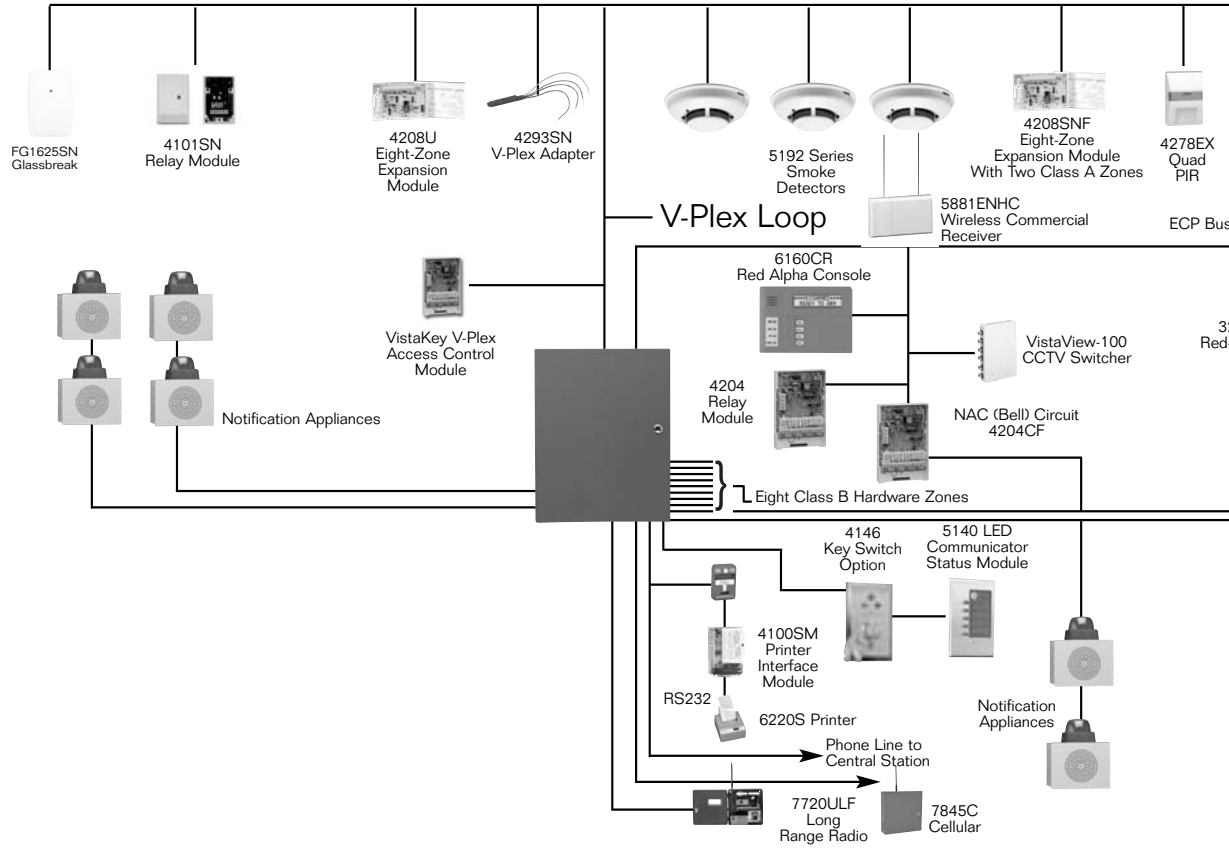
** Connects to Honeywell's PassPoint Access Control Systems. Maximum 32 doors.*

ADEMCO VISTA-32FB
Commercial Fire/Burg/CCTV and Access Control Platform

Additional Features

- Notification Appliance Circuits (two):
  - Programmable
  - Temporal code compliant
  - Individually silenceable
- Programmable on-board auxiliary relay
- SIA false alarm reduction features:
  - Exit error logic
  - Exit delay reset
  - Cross zoning
  - Call waiting defeat
  - Recent close report
- Supports commercial hardwired, addressable V-Plex polling loop and wireless zones
- Hardwired zones
  - Provides nine style B hardwired zones
  - EOLR supervised for Fire and UL burglary installations
  - Supports N.O or N.C. sensors
  - Individually assignable to one or all eight partitions
  - Up to 16 two-wire smoke detectors each on zone one and two (32 total)
  - Up to 50 two-wire glassbreak detectors on zone eight
- Patented addressable V-Plex polling loop technology
  - Supports up to 24 two-wire V-Plex zones/points
  - Global polling technology for faster processing
  - Increased current draw capacity (128mA)
  - Supervised by panel
  - Individually assignable to partitions, notification circuit (bell) output or aux relay
  - 4,000 ft capability without the use of shielded cable
  - Extender/Isolation bus module
  - Two-wire smoke detector zone/group expansion module adds two or four zones
  - Eight zone – Class A and B extender module
  - Eight zone – Class B extender module
  - One zone supervised contact monitor module
- UL Listed wireless expansion
  - Supports up to 32 wireless zones/points using 5881ENHC Receiver
  - Supervised by control for check-in signals
  - Tamper protection for transmitters
  - Individually assignable up to eight partitions
  - Supports UL864/NFPA approved wireless smoke detectors
- Event reporting
- Local printer of access or VISTA related event
- Scheduled uploading of events to central station
- Up to four doors using VistaKey V-Plex Access Control
- Stored events for one call retrieval
- Communication
  - Phone mapping by zone response type
  - Supports VIP Interactive Phone Voice Module
  - Panel operation during download
  - Uploading equipment list to central station
  - Communication to PassPoint via Vista Gateway Module

Supported by a diverse line of ADEMCO initiating devices, the VISTA-32FB is well suited for a variety of smaller to medium sized applications as an integrated fire and burglary control—including restaurants, small retail stores and shops, churches and synagogues, strip malls, larger residences and small factory and warehouse environments.



ADEMCO VISTA-32FB
Commercial Fire/Burg/CCTV and Access Control Platform

Applications
The VISTA-32FB control is well suited for a variety of applications as an integrated fire and burglary control. A diverse line of ADEMCO initiating devices supports this extremely powerful control. Some of the applications supported are: medical and professional buildings, churches or synagogues, office buildings, schools, strip malls, larger residences and factory or warehouse environments.

Installation
The VISTA-32FB alarm system has been designed to mount both quickly and easily. It meets all applicable requirements for UL commercial fire and burglary installations.

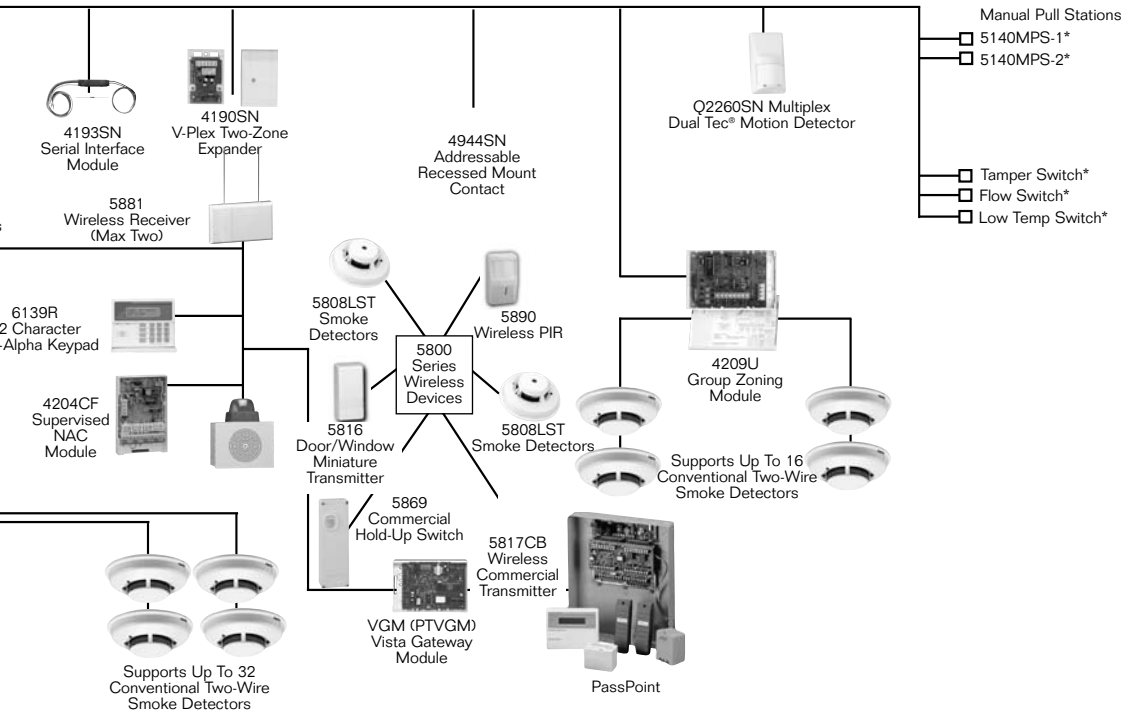
Specifications
Electrical:
- Primary power: 18VAC @ 72VA ADEMCO No. 1451
- Quiescent current draw: 350mA
- Backup battery:
  – 12VDC, 7AH min to 34.4AH max
  – Lead acid battery (gel type)
- Alarm power: 12VDC, 1.7A max for each notification (bell) circuit output
- Aux. standby pwr: 12VDC, 1A max
- Total power: 2.3A at 12VDC, 3.4A at 24VDC from all sources
- 24 hours with 1A standby load or 60 hours with 205mA max standby load using 34.4AH battery
- Fusing: Battery input, aux. and notification (bell) circuit outputs are protected using PTC circuit protectors. All outputs are power limited.

Main Dialer:
- Line seize: Double Pole
- Ringer equiv.: 0.7B
- Formats: ADEMCO Low Speed, ADEMCO 4+2 Express, ADEMCO High Speed, ADEMCO Contact ID, Sescoa and Radionics

Cabinet dimensions:
- 14.5”H X 12.5”W X 3”D

Environmental:
- Storage temp:
- Operating temp:
- Humidity:
- EMI: Meets or exceeds the following requirements:
  – FCC Part 15, Class B Device
  – FCC Part 68
  – IEC EMC Directive

Agency Listings
- Burglary
- FCC Part 15, Class B; FCC Part 68
- UL Residential and Commercial
- UL864/NFPA Local Fire
- UL864/NFPA Central and Remote Station Fire
- UL609 Grad A Local Mercantile Premises/Local
- Mercantile Safe and Vault
- UL365 police station connected burglar alarm
- Grade AA Service (with LRR Model 7920SE)
- UL611/UL610 Central Station Burglar Alarm
- California State Fire Marshal
- FM



*Use with 4193SN Mini-Zone Module

ADEMCO VISTA-32FB
Commercial Fire/Burg/CCTV and Access Control Platform

SPECIFICATIONS:

Compatible Devices
See compatibility chart for complete list

Auxiliary devices
- 4204 – Relay Module, four form C contacts
- 4204CF – Two supervised output circuits
- 5140DLM, Supervised Dialer
- 5881 Series – RF Receiver supporting 5800 wireless detectors
- 6160CR – Red Alpha Keypad
- 6139R – Red Alpha Keypad/annunciator
- 6220S – System printer used with 4100SM serial module
- FSA-8, FSA-24 Fire Annunciators

Two-wire smoke detectors conventional:
- System Sensor smoke detectors

Horn/Strobes:
- System Sensor Notification Appliances

Manual Pull Stations:
- 5140MPS-1
- 5140MPS-2

V-Plex (addressable) Devices:
- 4101SN Relay Zone Module
- 4190SN Remote Point Module – two zones
- 4190WH
- 4193SN Two Zone Serial Interface Module
- 4208U Loop Expansion Module – eight zones
- 4208SNF Eight Zone/2 Class A/6 Class B Expander Module
- 4209U Group Zoning Module – two/four zones
- 4293SN One Zone Serial Interface Module
- 4297 Isolation/Extender Module

CCTV
- VistaView-100-CCTV Switcher Module

V-Plex (addressable) Smoke Detectors:
- 5192SD
- 5192SDT

Vista Interactive Phone Module:
- 4286 Voice Module

Passive Infrared Detectors:
- 998MX
- 4275EX-SN
- 4278EX-SN
- QUEST2260SN

V-Plex (addressable) Contacts:
- 4194WH, 4193SN
- 4939SN-WH
- 4944SN-WH
- 4959SN

Glassbreak Detectors:
- 9500SN

Long Range Radio:
- 7720ULF
- 7845C Cellular Radio

Upgraded software:
- Upgraded Compass Downloader Windows compatible

Wireless Devices:
- 5804 – Wireless Key
- 5804BDV – Bi-directional with voice
- 5804BD – Bi-directional Key
- 5808C - Wireless Smoke Detector
- 5816 – Door/Window Transmitter
- 5819 – Shock Sensor
- 5827BD – Bi-directional Keypad
- 5849 – Glassbreak Detector
- 5890 – PIR

Access Control:
- VistaKey V-Plex (addressable) Access Control
- VistaKey-SK Starter Kit
- VistaKey-EX Expansion Kit
- VGM Vista Gateway Module to PassPoint Access Control (Northern Computers)

Commercial Wireless Devices:
- 5808LST - Wireless Smoke Detector
- 5809 - Wireless Heat Detector
- 5817CB - Wireless Commercial Transmitter
- 5869 - Hold up Transmitter
- 5881ENHC - Commercial Fire/Burg Receiver

ORDERING:

Part No.	Description
VISTA-32FB	Commercial Fire and Partitioned Burglary Alarm Platform

ADEMCO VISTA-128FBP/V128FBP-24

128 Zone UL Commercial Fire/Burglary Control Panel

Designed to integrate seamlessly with CCTV, access control, and Honeywell's full range of fire and burglary components, the ADEMCO VISTA-128FBP provides the ultimate protection of life and property. The UL listed commercial fire and burglary control platform controls up to eight partitions, and supports up to 128 zones/points using hardwired, wireless and V-Plex addressable technologies.

A diverse line of ADEMCO initiating devices, notification circuits, digital dials, keypads, RF receivers and relays supported this extremely powerful control platform. The VISTA-128FBP has been designed to mount quickly and easily in an attack resistant cabinet, and is available in 12V and 24V models. A revolutionary new feature called panel linking allows multiple partitions, panels—even buildings—to be armed, disarmed and have status checked from one location.

FEATURES:

- Eight hardwired zones standard, expandable to 120 V-Plex addressable points/zones or 128 wireless points/zones
- Can control eight separate areas independently (8 partitions)
- Supports panel linking allows up to 8 systems or buildings to be controlled from one central location (using VA8200)
- Supports commercial UL wireless fire and burg
- Stores up to 512 events and can accommodate 150 user codes
- Supports addressable V-Plex access control points using VistaKey (1 to 8 doors)
- Supports up to 16 doors of access control using Vista Gateway Module (VGM)*
- Supports CCTV applications with the new VistaView-100 CCTV Switcher Module
- Identifies the point or zone of a fire or alarm, using the new FSA-8/FSA-24 Fire System Annunciator
- False alarm prevention features to help reduce false alarms
- Two on-board notification (bell) circuits delivering 2.3 amp @ 12V or 3.4 amp @ 24V
- Automatic smoke detector sensitivity maintenance testing
- 4-wire smoke reset using on-board J_2 output trigger
- Supports Dynamic Signaling for LRR
- Supports Remote Control-via the internet**
- Supports Internet Alarm Reporting**
- Supports the new Graphical User Interface Consoles
- Supports up to 250 access card holders using VistaKey
- Supports AlphaNumeric pager up to 8 different numbers using the VA8201

** Connects to Honeywell's PassPoint Access Control Systems. Maximum 32 doors.*

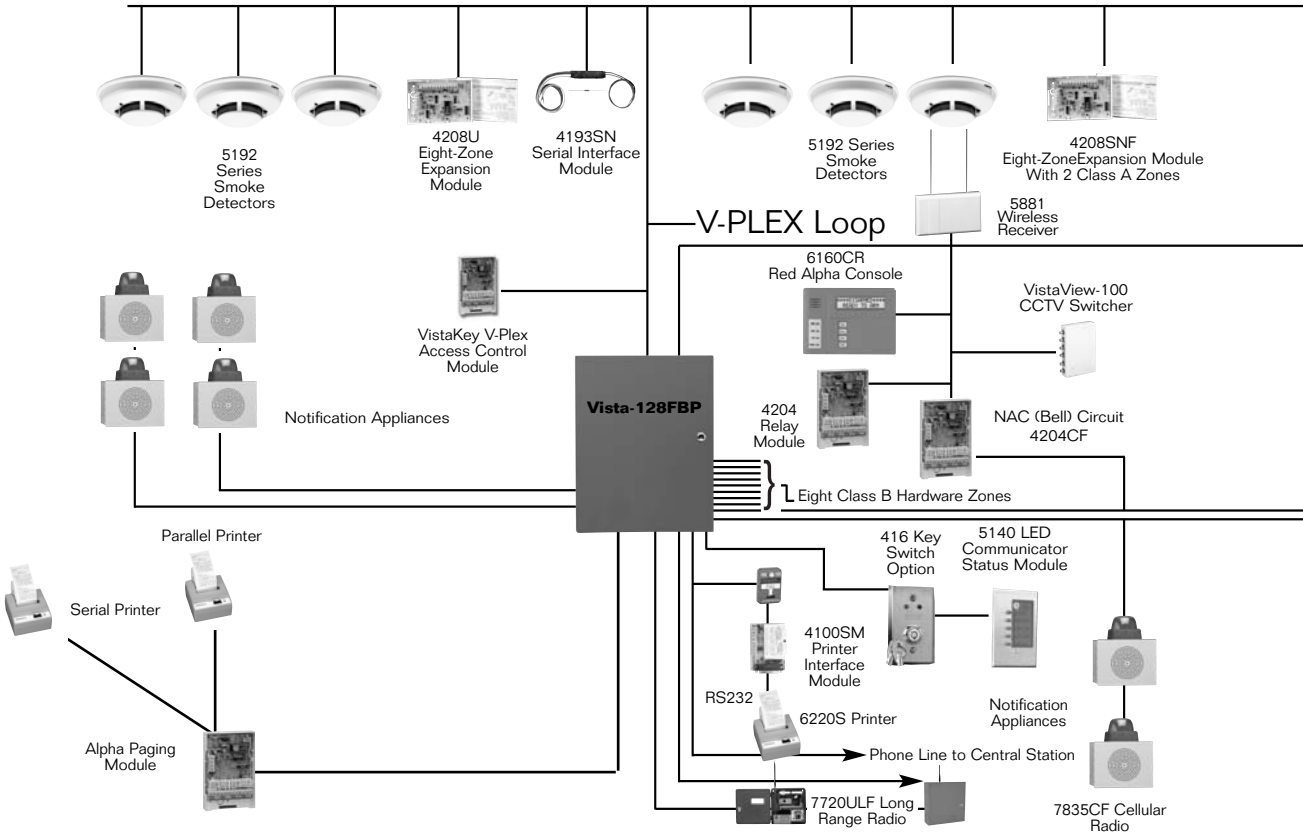
*** When used with AlarmNet-i*

ADEMCO VISTA-128FBP/V128FBP-24

128 Zone UL Commercial Fire/Burglary Control Panel

Additional Features

- Notification Appliance Circuits (two):
  - Programmable
  - Temporal code compliant
  - Individually silenceable
- Programmable on-board auxiliary relay
- SIA false alarm reduction features:
  - Exit error logic
  - Exit delay reset
  - Cross zoning
  - Call waiting defeat
  - Recent close report
- Supports commercial hardwired, addressable V-Plex polling loop and wireless zones
- Hardwired zones
  - Provides eight style B hardwired zones
  - EOLR supervised for Fire and UL burglary installations
  - Supports N.O or N.C. sensors
  - Individually assignable to any eight partition
  - Up to 32 two-wire smoke detectors each on zone one and two (64 total)
  - Up to 50 two-wire glass break detectors on zone eight
- Patented addressable V-Plex polling loop technology
  - Supports 120 two-wire zones points
  - Global polling technology for faster processing
  - Increased current draw capacity (128mA)
  - Supervised by panel
  - Individually assignable to partitions, notification circuit (bell) output or aux relay
  - 4,000 ft capability without the use of shielded cable
  - Extender/Isolation bus module
  - Two-wire smoke detector zone/group expansion module adds two or four zones
  - Eight zone – Class A and B extender module
  - Eight zone – Class B extender module
  - One zone supervised contact monitor module
- UL Listed wireless expansion
  - Supports up to 128 wireless zones/points using 5881ENHC receiver
  - Supervised by control for check-in signals
  - Tamper protection for transmitters
  - Individually assignable up to eight partitions
  - Supports UL864/NFPA approved wireless smoke detectors
- Access Control integration
  - Full integration with PassPoint Access Control System Complete Gateway interface of Vista and access functions
- Up to 8 doors using VistaKey V-Plex Access Control
- Event reporting
- Local printer of access or VISTA related event
- Scheduled uploading of events to central station
- Stored events for one call retrieval
- Communication
  - Phone mapping by zone response type
  - Supports VIP interactive phone voice module
  - Panel operation during download
  - Uploading equipment list to central station
  - Communication to PassPoint via Vista Gateway Module
- CCTV integration
  - Supports VistaView-100 ECP based CCTV switchers



ADEMCO VISTA-128FBP/V128FBP-24

128 Zone UL Commercial Fire/Burglary Control Panel

Applications

The ADEMCO VISTA-128FBP control is well suited for a variety of applications as an integrated fire and burglary control. A diverse line of ADEMCO initiating devices support this extremely powerful control. Some of the applications supported are: medical and professional buildings, churches or synagogues, office buildings, schools, strip malls, larger residences and factory or warehouse environments.

Installation

The VISTA-128FBP alarm system has been designed to mount both quickly and easily. It meets all applicable requirements for UL commercial fire and burglary installations.

Specifications

Electrical:

- Primary power: 18VAC @ 72VA ADEMCO No. 1451
- Control panel quiescent current draw: 350mA
- Backup battery:
  - 12VDC, 12AH min to 34.4AH max
  - Lead acid battery (gel type)
- Alarm power: 12VDC, 1.7A max for each notification (bell) circuit output Total 2.3amps @ 12V
- Aux. standby pwr: 12VDC, 1A max
- Total power: 2.3A at 12VDC, 3.4A at 24VDC from all sources
- Standby time: 24 hours with 1A standby load using 34.4AH battery
- Fusing: Battery input, aux. and notification (bell) circuit outputs are protected using PTC circuit protectors. All outputs are power limited.
- Optional 24-volt power supply, PS 24 Supplies two 24 VFW, 1.7A full wave rectified, unfiltered outputs.

Main Dialer:

- Line seize: Double Pole
- Ringer equiv.: 0.7B
- Formats: ADEMCO Low Speed, ADEMCO 4+2 Express, ADEMCO High Speed, ADEMCO Contact ID, Sescoa and Radionics
- Dual phone line capability (using 5140DLM module)

Cabinet dimensions:

- 18"H X 14.5"W X 4.3"D

Environmental:

- Storage temp: -10°C to 70°C
- Operating temp: 0°C to 50°C
- Humidity: 85% RH
- EMI: Meets or exceeds the following requirements:
  - FCC Part 15, Class B Device
  - FCC Part 68
  - IEC EMC Directive

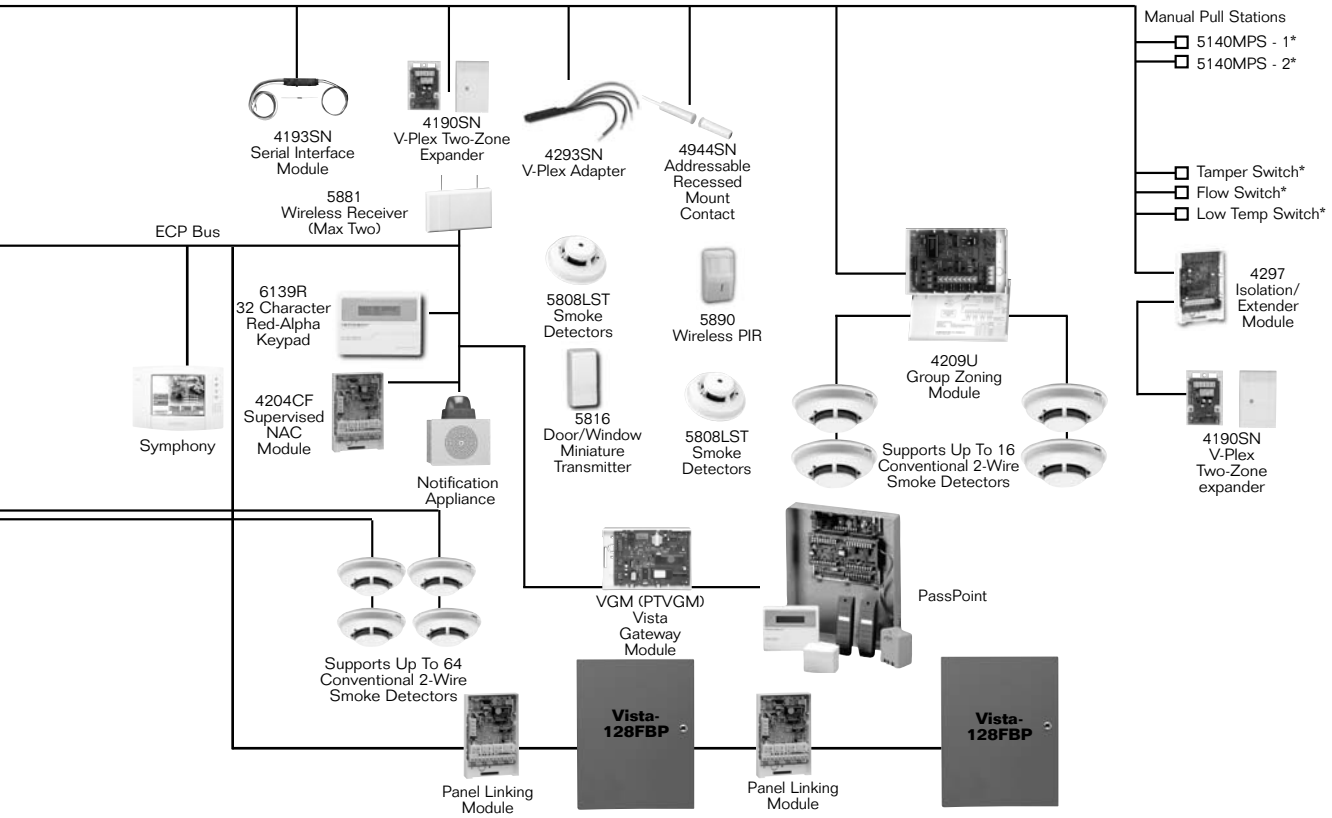
Agency Listings

Burglary:

- UL609 Grade A Local Mercantile Premises and Mercantile Safe and Vault
- UL611/1610 Grades A, AA, Central Station
- UL365 Grades A, AA Police Connect

Fire:

- UL864/NFPA72 Local, Central Station and Remote Station
- Factory Mutual
- California State Fire Marshal
- MEA
- UL985



ADEMCO VISTA-128FBP/V128FBP-24

128 Zone UL Commercial Fire/Burglary Control Panel

SPECIFICATIONS:

Compatible Devices
See compatibility chart for complete list

Auxiliary Devices
- 6160CR – Red Alpha Keypad
- 6139R – Red Alpha Keypad/Annunciator
- FSA-8 & FSA-24 annunciator modules
- 4204 – Relay Module, four form C contacts
- 4204CF – Two supervised output circuits
- 5881 Series – RF receiver supporting 5800 wireless detectors
- 6220S – System printer used with 4100SM serial module

Two-wire smoke detectors conventional:
- 2100 Series Photoelectric
- 2400 Series Photoelectric
- 1100 Series Ionization

Four-wire smoke detectors conventional:
- 2112/24 Series Photoelectric
- 1412 Series Ionization

Horn/Strobes:
- System Sensor Notification Appliances

Manual Pull Stations:
- 5140MPS-1
- 5140MPS-2

V-Plex (addressable) Devices:
- 4208U Loop Expansion Module –– eight zones
- 4101SN Single Relay/Zone Module
- 4208SNF Class A/B Expander Module
- 4209U Group Zoning Module –– two/four zones
- 4190SN Remote Point Module –– two zones
- 4193SN Two Zone Serial Interface Module
- 4293SN One Zone Serial Interface Module
- 4297 Isolation/Extender Module

V-Plex (addressable) Smoke Detectors:
- 5192SD
- 5192SDT
- 4192SD
- 4192SDT
- 4192SDTM
- 4192CP
- 4192CPM

V-Plex Passive Infrared Detectors:
- 998MX
- 4275EX-SN
- 4278EX-SN

V-Plex (addressable) Contacts:
- 4939SN-WH
- 4944SN-WH
- 4959SN

V-Plex Glassbreak Detectors:
- 9500SN

VISTA interactive phone module
- 4286 Voice Module

Optional 24V Power Supply
- PS24 – 24V power supply – 3.4A

Long Range Radio:
- Long Range Radio 7720ULF-XX, 7835C, 7835CF, 7845C

Upgraded software:
- Upgraded Compass Downloader Windows compatible

Wireless Devices:
- 5804BDV – Bi-directional with voice
- 5804BD – Bi-directional Key
- 5804Watch – Wireless Key & sports watch combined
- 5816 – Door/Window Transmitter
- 5804 – Wireless key
- 5827BD – Bi-directional Keypad
- 5890 – PIR
- 5849 – Glassbreak Detector
- 5819 – Shock Sensor

Commercial Wireless Devices:
- 5808LST – Wireless Smoke Detector
- 5809 – Wireless Heat Detector
- 5817CB – Wireless Commercial Transmitter
- 5869 – Hold-Up Transmitter
- 5881ENHC – Commercial Fire/Burg Receiver

Access Control:
- VistaKey V-Plex (addressable) Access Control
- VistaKey-SK Starter Kit
- VistaKey-EX Expansion Kit
- VGM Vista Gateway Module to PassPoint Access Control (Northern Computers)

CCTV
– VistaView-100 CCTV Switcher or Module

Internet Access:
- Graphical user interface with internet capability
- Internet Remote Control-Networking Module
- Internet Alarm Communicator (7845i)

Paging:
- VA8201 AlphaNumeric Pager

ORDERING:

Part No.	Description
VISTA-128FBP	Commercial Fire and Partitioned Burglary Alarm Platform 12V Model
V128FBP-24	Commercial Fire and Partitioned Burglary Alarm Platform 24V Model

ADEMCO VISTA-250FBP/VISTA250FBP-24

250 Zone UL Commercial Fire/Burglary Control Panel

Designed to integrate seamlessly with CCTV, access control and Honeywell's full range of fire and burglary components, the ADEMCO VISTA-250FBP provides the ultimate protection of life and property. The UL listed commercial fire and burglary control platform controls up to eight partitions, and supports up to 250 zones/points using hardwired, wireless and V-Plex addressable technologies.

A diverse line of ADEMCO initiating devices, notification circuits, digital dialers, keypads, RF receivers and relays support this extremely powerful control platform. The VISTA-250FBP has been designed to mount quickly and easily in an attack resistant cabinet, and is available in 12V and 24V models. A revolutionary feature called panel linking allows multiple partitions, panels – even buildings – to be armed, disarmed and have status checked all from one location.

FEATURES:

- Eight hardwired zones standard, expandable to 242 V-Plex addressable points/zones or 250 wireless points/zones
- Can control eight separate areas independently (8 partitions)
- Supports Panel-Linking allows up to 8 systems or building to be controlled from one central location (using VA8200)
- Supports Commercial UL Wireless Fire and Burg
- Stores up to 1000 events and can accommodate 250 user codes
- Supports V-Plex addressable VistaKey access control (up to 15 doors and 500 cards)*
- Supports up to 16 doors of access control using Vista Gateway Module (VGM)*
- Supports CCTV applications with the new VistaView-100 CCTV Switcher Module
- False alarm prevention features to help reduce false alarms
- Identifies the point or zone of a fire or alarm using the new FSA-8/FSA-24 Fire System Annunciator
- Two on-board notification (bell) circuits delivering 2.3 amp @ 12V or 3.4 amp @ 24V
- Automatic smoke detector sensitivity maintenance testing
- 4-wire smoke reset using on-board J_2 output trigger
- Supports Dynamic Signaling for LRR backup
- Supports Remote Control-via the internet**
- Supports Internet Alarm Reporting**
- Supports Graphical User Interface Consoles
- Supports AlphaNumeric Pager up to eight different numbers using the VA8201

** Connects to Honeywell's PassPoint Access Control Systems. Maximum 32 doors.*

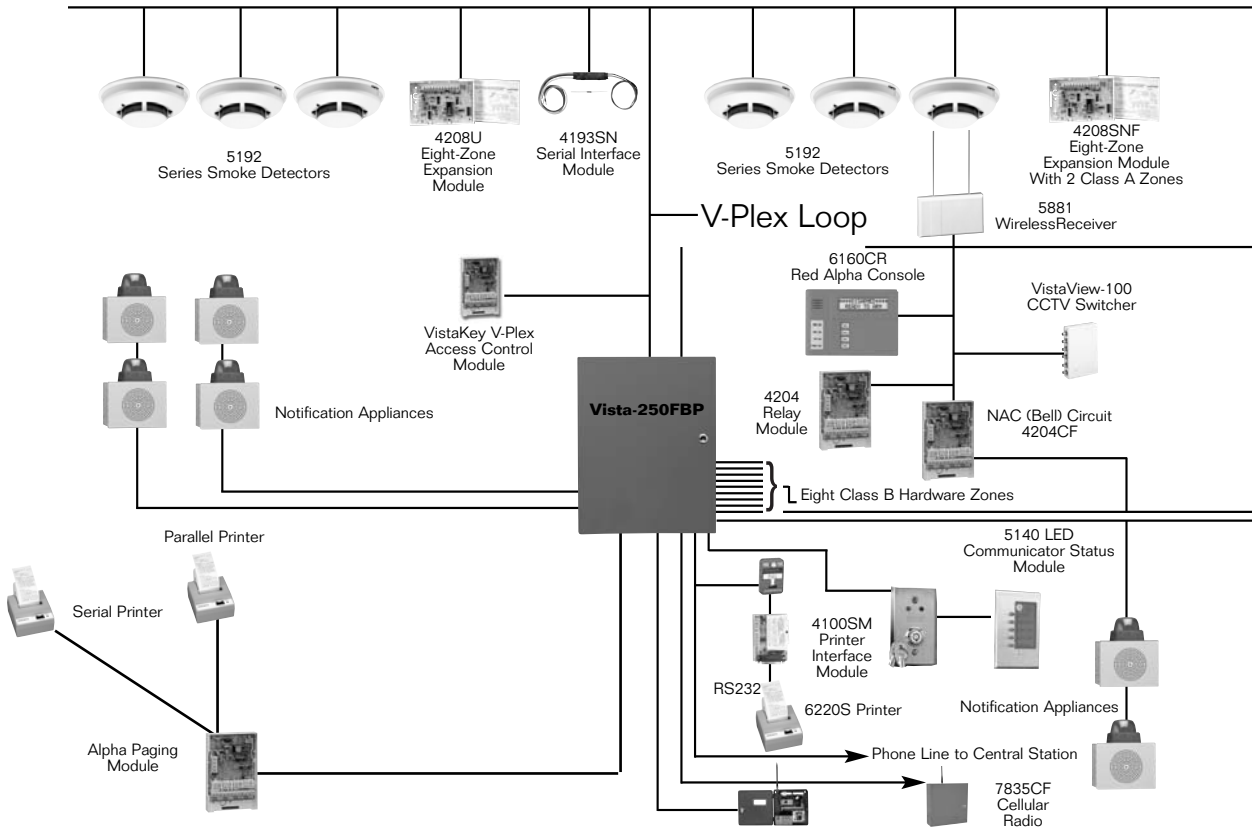
*** When used with AlarmNet-i.*

ADEMCO VISTA-250FBP/VISTA250FBP-24

250 Zone UL Commercial Fire/Burglary Control Panel

Additional Features

- Notification Appliance Circuits (two):
  - Programmable
  - Temporal code compliant
  - Individually silenceable
- Programmable on-board auxiliary relay
- False alarm reduction features:
  - Exit error logic
  - Exit delay reset
  - Cross zoning
  - Call waiting defeat
  - Recent close report
- Supports commercial hardwired, addressable V-Plex polling loop and wireless zones
- Hardwired zones
  - Provides eight style B hardwired zones
  - EOLR supervised for Fire and UL burglary installations
  - Supports N.O or N.C. sensors
  - Individually assignable to any eight partition
  - Up to 32 two-wire smoke detectors each on zone one and two (64 total)
  - Up to 50 two-wire glass break detectors on zone eight
- Patented addressable V-Plex polling loop technology
  - Supports 120 two-wire zones points
  - Global polling technology for faster processing
  - Increased current draw capacity (128mA)
  - Supervised by panel
  - Individually assignable to partitions, notification circuit (bell) output or aux relay
  - 4,000 ft capability without the use of shielded cable
  - Extender/Isolation bus module
  - Two-wire smoke detector zone/group expansion module adds two or four zones
  - Eight zone – Class A and B extender module
  - Eight zone – Class B extender module
  - One zone supervised contact monitor module
- UL Listed wireless expansion
  - Supports up to 128 wireless zones/points using 5881ENHC receiver
  - Supervised by control for check-in signals
  - Tamper protection for transmitters
  - Individually assignable up to eight partitions
  - Supports UL864/NFPA approved wireless smoke detectors
- Access Control integration
  - Full integration with PassPoint Access Control System Complete Gateway interface of Vista and access functions
- Up to 8 doors using VistaKey V-Plex Access Control
- Event reporting
- Local printer of access or VISTA related event
- Scheduled uploading of events to central station
- Stored events for one call retrieval
- Communication
  - Phone mapping by zone response type
  - Supports VIP interactive phone voice module
  - Panel operation during download
  - Uploading equipment list to central station
  - Communication to PassPoint via Vista Gateway Module
- CCTV integration
  - Supports VistaView-100 ECP based CCTV switchers



ADEMCO VISTA-250FBP/VISTA250FBP-24

250 Zone UL Commercial Fire/Burglary Control Panel

Applications

The ADEMCO VISTA-128FBP control is well suited for a variety of applications as an integrated fire and burglary control. A diverse line of ADEMCO initiating devices support this extremely powerful control. Some of the applications supported are: medical and professional buildings, churches or synagogues, office buildings, schools, strip malls, larger residences and factory or warehouse environments.

Installation

The VISTA-128FBP alarm system has been designed to mount both quickly and easily. It meets all applicable requirements for UL commercial fire and burglary installations.

Specifications

Electrical:

- Primary power: 18VAC @ 72VA ADEMCO No. 1451
- Control panel quiescent current draw: 350mA
- Backup battery:
  - 12VDC, 12AH min to 34.4AH max
  - Lead acid battery (gel type)
- Alarm power: 12VDC, 1.7A max for each notification (bell) circuit output Total 2.3amps @ 12V
- Aux. standby pwr: 12VDC, 1A max
- Total power: 2.3A at 12VDC, 3.4A at 24VDC from all sources
- Standby time: 24 hours with 1A standby load using 34.4AH battery
- Fusing: Battery input, aux. and notification (bell) circuit outputs are protected using PTC circuit protectors. All outputs are power limited.
- Optional 24-volt power supply, PS 24 Supplies two 24 VFW, 1.7A full wave rectified, unfiltered outputs.

Main Dialer:

- Line seize: Double Pole
- Ringer equiv.: 0.7B
- Formats: ADEMCO Low Speed, ADEMCO 4+2 Express, ADEMCO High Speed, ADEMCO Contact ID, Sescoa and Radionics
- Dual phone line capability (using 5140DLM module)

Cabinet dimensions:

- 18"H X 14.5"W X 4.3"D

Environmental:

- Storage temp: -10°C to 70°C
- Operating temp: 0°C to 50°C
- Humidity: 85% RH
- EMI: Meets or exceeds the following requirements:
  - FCC Part 15, Class B Device
  - FCC Part 68
  - IEC EMC Directive

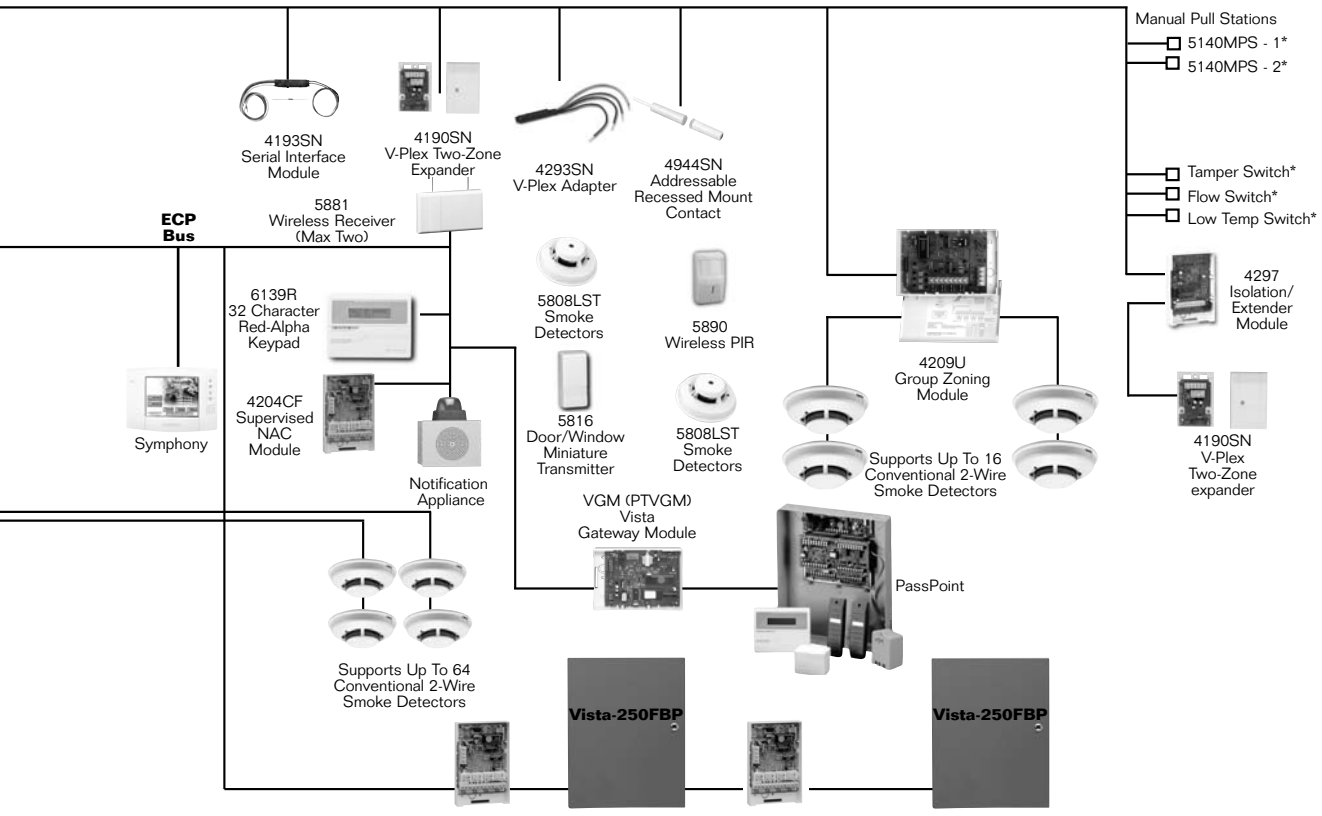
Agency Listings

Burglary:

- UL609 Grade A Local Mercantile Premises and Mercantile Safe and Vault
- UL611/1610 Grades A, AA, Central Station
- UL365 Grades A, AA Police Connect

Fire:

- UL864/NFPA72 Local, Central Station and Remote Station
- Factory Mutual
- California State Fire Marshal
- MEA
- UL985



ADEMCO VISTA-250FBP/VISTA250FBP-24

250 Zone UL Commercial Fire/Burglary Control Panel

SPECIFICATIONS:

Compatible Devices
See compatibility chart for complete list

Auxiliary Devices
- 4204 – Relay Module, four form C contacts
- 4204CF – Two supervised output circuits
- 5881 Series – RF receiver supporting 5800 wireless detectors
- 6220S – System printer used with 4100SM serial module
- 6139R – Red Alpha Keypad/annunciator
- 6160CR – Red Alpha Keypad
- FSA-8 & FSA-24 annunciator modules
- VA8200 – (PLM) Panel Linking Module
- VA8201 – (APM) Alpha Paging Module

Two-wire smoke detectors conventional:
- System Sensor smoke detectors

Horn/Strobes:
- System Sensor Notification Appliances

Manual Pull Stations:
- 5140MPS-1
- 5140MPS-2

V-Plex (addressable) devices:
- 4101SN Single Relay/Zone Module
- 4190SN Remote Point Module – two zones
- 4193SN Two Zone Serial Interface Module
- 4208SNF Class A/B Expander Module
- 4208U Loop Expansion Module – eight zones
- 4209U Group Zoning Module – two/four zones
- 4293SN One Zone Serial Interface Module
- 4297 Isolation/Extender Module

V-Plex (addressable) Smoke Detectors:
- 5192SD
- 5192SDT
- 4192SD
- 4192SDT
- 4192SDTM
- 4192CP
- 4192CPM

V-Plex Passive Infrared Detectors:
- 998MX
- 4275EX-SN
- 4278EX-SN

V-Plex (addressable) Contacts:
- 4939SN-WH
- 4944SN-WH
- 4959SN

V-Plex Glassbreak Detectors:
- 9500SN

VISTA interactive phone module
- 4286 Voice Module

Optional 24V Power Supply
- PS24 – 24V power supply – 3.4A

Long Range Radio:
- Long Range Radio 7720ULF-XX, 7835C, 7835CF, 7845C

Upgraded software:
- Upgraded Compass Downloader Windows compatible

Wireless Devices:
- 5804 – Wireless Key
- 5804BD – Bi-directional Key
- 5804BDV – Bi-directional with voice
- 5804Watch - Wireless Key and sports watch combined
- 5816 – Door/Window Transmitter
- 5819 – Shock Sensor
- 5827BD – Bi-directional Keypad
- 5849 – Glassbreak Detector
- 5890 – PIR

Commercial Wireless Devices:
- 5808LST - Wireless Smoke Detector
- 5809 - Wireless Heat Detector
- 5817CB - Wireless Commercial Transmitter
- 5869 - Hold up Transmitter
- 5881ENHC - Commercial Fire/Burg Receiver

Access Control:
- VistaKey V-Plex (addressable) Access Control
- VistaKey-SK Starter Kit
- VistaKey-EX Expansion Kit
- VGM Vista Gateway Module to PassPoint Access Control (Northern Computers)

CCTV
- VistaView-100-CCTV Switcher Module

Internet Access:
- Graphical user interface with internet capability
- Internet Remote Control-Networking Module
- Internet Alarm Communicator (7845i)

ORDERING:

Part No.	Description
VISTA-250FBP	Commercial Fire and Partitioned Burglary Alarm Platform 12V Model
V250FBP-24	Commercial Fire and Partitioned Burglary Alarm Platform 24V Model

5110XM
UL Listed Control/Communicator

The 5110XM is a UL Listed, microprocessor based fire alarm control/communicator that supports five hardwired zones. It may be used as a slave Digital Alarm Communicator Transmitter (DACT) providing central or remote station service for a central or remote station listed Fire Alarm Control Panel (FACP). It may also be used as a standalone non-coded local, central station or remote station control.

The 5110XM is fully supervised and supports one two-wire smoke detection circuit and four-wire smoke detectors on all five circuits. A powerful microprocessor continuously monitors and reports system status of AC, standby battery, zone inputs and telephone line connections. In the event of a fault condition, a local audible sound is activated as well as reporting directly to central station.

FEATURES:

- Five supervised style B zones
- One master code
- Five user codes
- Seven built-in LED indicators
- One notification appliance circuit
- Temporal code compliant
- Supervised digital dialer
- Optional panel door mounted silence/reset switch when AHJ approved
- Supports two-wire compatible smoke detector
- Supports up to four keypads
- Backup digital dialer built in
- Auxiliary form “C” relay
- Built-in warning buzzer
- Programmable via 6139R alpha keypad or downloader
- Supports major communication formats
- UL864 Listed
- NFPA 72 compliant
- MEA Approved
- Upload/Download capable

APPLICATIONS:

The 5110XM Fire Alarm Communicator (DACT - Digital Alarm Communicator Transmitter) is well suited for a variety of applications a stand alone fire control or slave DACT. A diverse line of ADEMCO alarm notification appliances and initiating devices support this powerful control panel. Some of the applications supported are monitoring of sprinkler supervisory or waterflow switches in factory or warehouse environments, fast food chains, department stores, retail stores, library and museums as well as professional and office buildings. This panel complies with the new, June 1,1998 NFPA requirement to alternate testing of dual phone lines on a rotating basis.

5110XM
UL Listed Control/Communicator

SPECIFICATIONS:

Installation
The 5110XM Fire Alarm Communicator (DACT) has been designed to mount both quickly and easily. It meets all applicable requirements for UL Commercial Fire installations. Remotely program and troubleshoot this panel via Honeywell's Windows™ based Compass Downloader.

Specifications

Electrical:

Primary power
- 20VAC, 60Hz, 600mA max
- Secondary rated 18VAC, 40VA

Quiescent panel current draw:
- 155mA

Backup battery:
- 1 2VDC, 7AH min to 14AH max
- Lead acid battery (gel type)

Charging voltage:
- 1 3.7VDC, nominal

Alarm power:
- 12VDC, 1.0A max for notification (bell) output

Aux. standby power:
- 12VDC,350mA max

Total power:
- 1.0A from all sources

Aux. relay output:
- Type: Form C

Standby time:
- 24 hours with 1A standby load or 60 hours with 210mA max standby load using 14AH battery

Fusing:
- Battery input, aux. and notification (bell) appliance circuits are protected using PTC circuit protectors. All outputs are power limited.

Dialers:

Line seize:
- Double Pole

Ringer equiv.:
- 0.7B

Formats:
- ADEMCO Low Speed, ADEMCO 4+2 Express, ADEMCO High Speed, ADEMCO Contact ID, Sescoa and Radionics

Mechanical:

Cabinet dimensions —14.5"H X 1 2.5"W X 3"D

Environmental:
- -10°C to 70°C

Operating temp:
- 0°C to 50°C

Humidity:
- 85% RH

EMI:
- Meets or exceeds the following requirements:
  —FCC Part 15, Class B Device
  —FCC Part 68
  —IEC EMC Directive

AGENCY LISTINGS
The 5110XM has been listed and approved for use in commercial fire applications. It has been listed under the following agency approvals:

Fire
- UL864/NFPA72 Central and Remote Station DACT and Local, Central Station and Remote Station Control
- Factory Mutual
- California State Fire Marshall
- MEA

COMPATIBLE DEVICES
See compatibility chart for complete list.

ORDERING:

Part No.	Description
5110XM	Fire Alarm Communicator and DACT
5110XM-PAK1	Consists of: 5110XM and 6139R - red alpha keypad

6150
Deluxe Keypad

Honeywell's 6150 Deluxe Keypad is easy to install and simple to use. The attractive white console blends perfectly with any décor, and features a contoured, removable door that conceals soft-touch illuminated keys. The 6150 also features a large backlit fixed glass display that uses three-digit zone numbers.

The oversized function keys are easily accessed even when the keypad door is closed and can be programmed for fire, burglary, personal emergencies or other operations. Colored self-adhesive labels are included.

WITH DOOR ATTACHED

FEATURES:

- Large, easy-to-use keypad
- Soft-touch rubber keys, continuously backlit for greater visibility
- Piezo electric sounder with audible beeps to indicate:
  - System status
  - Entry/exit delay
  - Other alarm situations
- System status displayed in fixed English
- No confusing blinking lights
- Four programmable function keys
- System functions clearly labeled
- Functions performed by just entering security code plus command
- White with removable door, blends with any décor

ORDERING:

Part No.	Description
6150	Deluxe Keypad

6150V
Talking Fixed English Display Keypad

WITH DOOR ATTACHED

The 6150V Talking Fixed English Display Keypad is easy to install and simple to use. It takes the guesswork out of security system operation by speaking system status and zone information in plain English. Homeowners can also use the 6150V to record and playback voice messages.

The attractive white console blends perfectly with any décor, and features a contoured, removable door that conceals soft-touch illuminated keys. The oversized function keys remain easily accessible even when the keypad door is closed.

The 6150V has a large backlit fixed glass display that uses three-digit zone numbers.

FEATURES:

- Speaks system status and zone information
- System status displayed in fixed English
- Family message center
- Large, easy-to-use keypad
- No confusing blinking lights
- Four programmable function keys
- Soft-touch rubber keys, continuously backlit for visibility
- White with removable door; fits any décor

SPECIFICATIONS:

Physical:
- 4-7/8"H x 6-1/4"W x 1"D (125mm x 160mm x 25mm)

Wiring:
- - (Black): Ground
- + (Red): +12 VDC (Aux. Power)
- D1 (Green): "Data in" to control panel
- D0 (Yellow): "Data out" from control panel

Current:
- Standby-60mA
- Activated-160mA

Sounder:
- Piezo electric

ORDERING:

Part No.	Description
6150V	Talking Fixed English Display Keypad

Compatibility
- Compatible with all VISTA Controls

* Need VISTA-15P/VISTA-20P for voice chime.

6150RF
Deluxe Fixed English Integrated Keypad/Receiver

Add wireless technology to any new installation with Honeywell's 6150RF Keypad—a unique, breakthrough product that offers the unbeatable combination of attractive convenience features and competitive value in a single, quick-install package.

The integrated design solves even the trickiest installation challenges and reduces costs by letting you add full wireless capability to any compatible VISTA control, without additional wiring or sacrificing zones.

WITH DOOR ATTACHED

FEATURES:

- 6150 Deluxe Keypad
- 5881ENM 16-Zone Wireless Receiver
- 5800TM Status Transmitter
- On-board relay
- Single four-wire run is all that's required
- It is the ideal choice where wireless keys are to be used:
  - Keys can be programmed at the panel, just as they would with the 5881ENM
  - Keys can be enrolled locally at the keypad, without taking up additional zones at the control
- Fully compatible with all 5800 wireless devices
- The 5800TM module needed to support the 5804BD and 5804BDV is already built in
- Supports encrypted operation of the 5804E and 5804BDV four-button keys
- On-board single relay provides a low cost solution for opening garage doors. With a four-button remote key, a key can be assigned for the garage door

Easy to Operate

- The fixed English display is easy to read, with large characters and simplified descriptions
- The sounder beeps to help identify security system status
- Comfortable soft-touch keys labeled with simple commands are illuminated for nighttime visibility
- Four larger function keys can be programmed for one touch operation and are accessible even when the door is closed

Stylishly Designed

- Sleek white design blends with any décor
- Contoured, removable door lets customers customize the keypad for the look they want
- With the door closed the keypad has a smooth, unobtrusive appearance

SPECIFICATIONS:

Dimensions
- 4-7/8"H x 6" W x 1"D
(125mm x 160mm x 25 mm)

Sounder
- Piezo Electric

Wiring
- - (Black): Ground
- + (Red): +12 VDC (Aux. Power)
- D1 (Green): "Data In" to control panel
- D0 (Yellow): "Data out" from control panel

Current
- Standby: 80ma
- Activated: 105ma

ORDERING:

Part No.	Description
6150RF	Keypad/Receiver

Compatibility
- Fully compatible with all VISTA controls.

6160CR
Commercial Fire Alpha Keypad

Honeywell's 6160CR is an addressable remote keypad intended for use in commercial fire applications with ADEMCO control platforms. The keys are continuously backlit for convenience and easy visibility. The LCD display is backlit only when a key is depressed*, or when the system is in alarm or trouble condition.

**Note: On some platforms, the LCD may be programmed to remain on at all times (see panel instructions for details).*

FEATURES:

- Four programmable function keys
- Built-in sounder
- Four LEDs
  – ARMED
  – READY
  – TROUBLE
  – SUPERVISORY
- Large easy-to-read display
- Red removable door

SPECIFICATIONS:

Physical
- 5.250" W x 7.437" H x 1.312" D

Display
- Alphanumeric, 32-character (2 lines x 16 characters) LCD back light

LEDs
- ARMED (red), READY (green), *TROUBLE (yellow) and *SUPERVISORY (yellow)
- See control panel's instructions for specific applications regarding Trouble and Supervisory LEDs.

Sounder
- High-quality speaker

Electrical
- 45mA standby
- 150mA in alarm (sounder, back light and LED on)

Wiring table (all keypads)

DI	"Data IN" to control panel from keypad
–	Ground (-aux. Power)
+	+12VDC (+aux. Power)
DO	"Data OUT" from control panel to keypad

Compatibility

Supports Control Platforms:
- VISTA-32FB Rev. 3 and higher
- VISTA-128FB Rev. 4 and higher
- VISTA-128FBP
- VISTA-250FBP
- V128FBP-24
- V250FBP-24

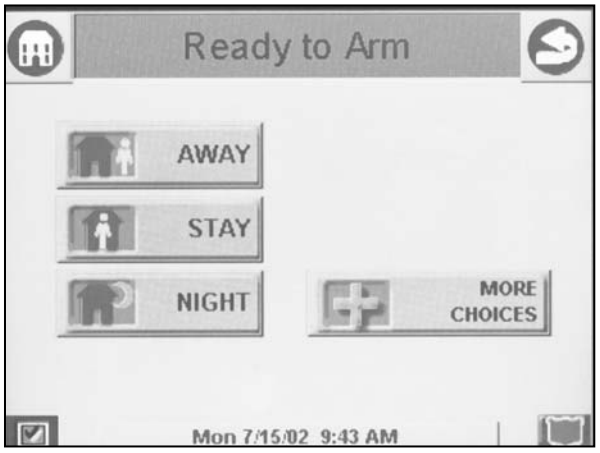
ORDERING:

Part No.	Description
6160CR	Commercial Fire Alpha Keypad

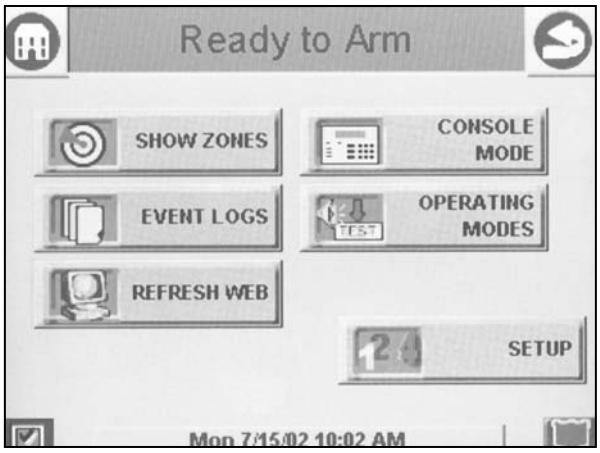
FEATURES:

Security

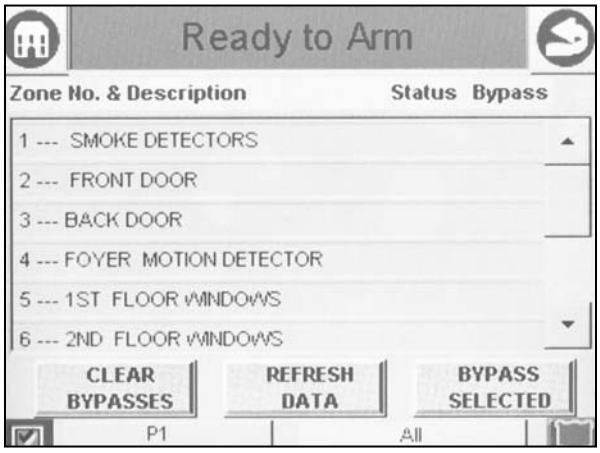
- Arm System
  - AWAY
  - STAY
  - NIGHT
- Exit/Entry delay countdown
- User codes: Allows authorized user to add or delete codes
- Bypass option: If system is not ready to arm, displays any open zones with:
  - Zone number
  - Zone description
  - Status



Arm System

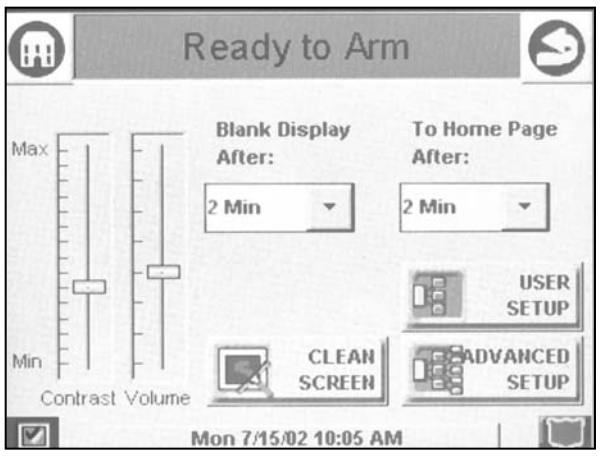


Program Screen

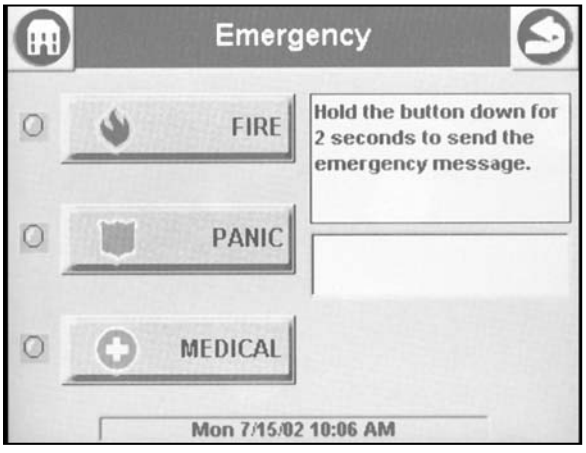


Zone Descriptions

New screens available on website.



System Set-Up



Emergency Notification

Symphony & Symphony-i
Graphic Touchscreen Displays

Symphony menus can be customized to fit your customer's specific needs. Some features require additional equipment and certain restrictions apply. The following description of screens should be considered for illustration only.

Event Log

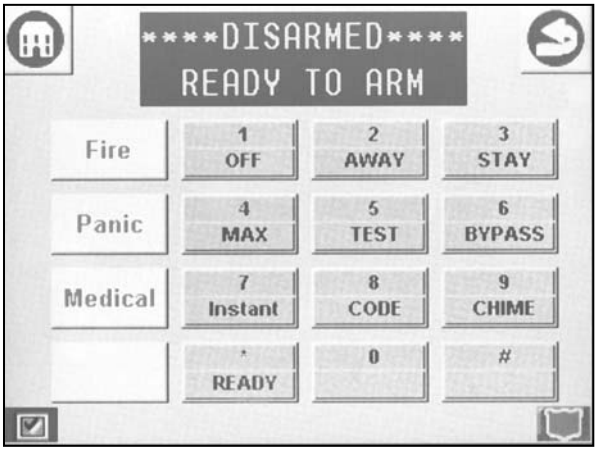
Symphony conveniently stores the most recent actions involving system use. A press on the touchscreen is all it takes to access the event log, letting users easily:

- View when the system was used and who used it
- Track when workers and temporary guests use the system
- Keep tabs on users (i.e., checking someone has armed the system upon returning
- Utilize Symphony as an effective business management tool (i.e., viewing openings and closings)

Event Log

Keypad

- Emulation of standard 2x16 alpha LCD keypad display
- Diagnostics allows testing of:
  - – Ethernet connection
  - – Audio
  - – LCD display
  - – Touchscreen
  - – Real-time clock
  - – Keypad

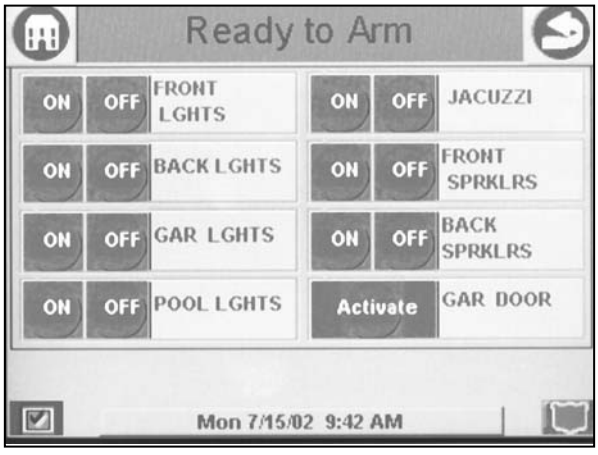


Keypad Mode

OPTIONAL FEATURES:

Lighting and Appliance Control

Customized display for control of a variety of devices through the use of X-10



Lighting and Appliance Control

Messages

- E-mail message displays:
  - – Date
  - – Sender
  - – Time
  - – Subject

OPTIONAL FEATURES:

The following features are supported by Symphony and are available for a nominal monthly fee.

Remote Access*

Customers with a broadband connection can access Symphony remotely from any web browser, such as:

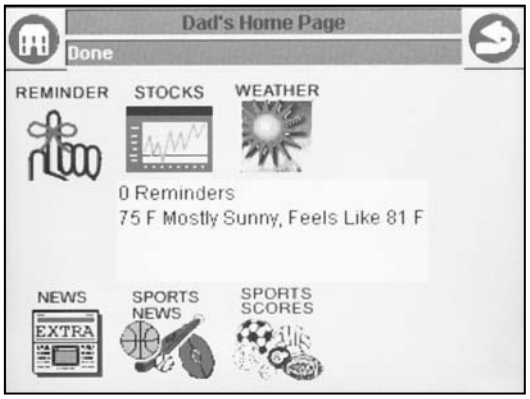
- Turn the security system on and off
- Check security system status
- Bypass zones
- Operate lights and appliances

*Remote control from a web browser requires an always-on Internet connection (i.e., cable modem, DSL, etc.)

Information Center

- Customizable per user:
  - – News
  - – Horoscope
  - – Weather
  - – Stock Quotations
  - – Sports

Sports



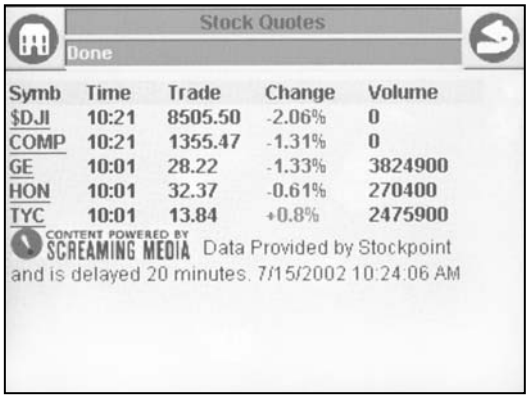
Custom User Screen

News

Weather

SPECIFICATIONS:

- Symphony with power supply
  – Part number 8132PK
- Symphony-i with power supply
  – Part number 8132IPK
- Built-in Ethernet connection
- 256 color touchscreen graphical display 1/4" VGA resolution
- Easy to read LED indicators
- Integrated microphone and speaker standard
- 5-3/4"H x 8"W x 1-1/4" D

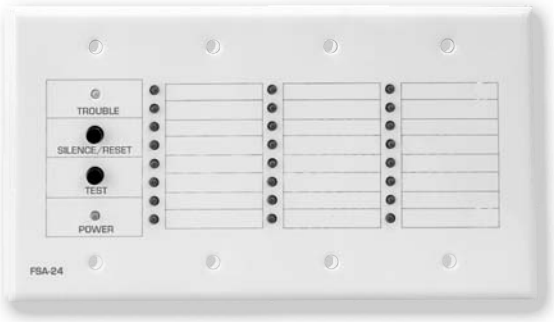


Stocks

FSA-8/FSA-24
Fire System Annunciator

FSA-8

FSA-24



Honeywell's FSA-8 and FSA-24 Fire System Annunciators offer dealers the latest innovation and best value in fire and life safety equipment. The 8-Zone LED FSA-8 and 24-Zone LED FSA-24 are add-on accessories that can be used with certain Vista controls to enable fire response units to quickly and easily identify the point/zone of a fire.

The FSA-8 and FSA-24 support a maximum of four FSA modules in any combination, adding cost-effective point or zone annunciation to existing fire alarm systems. When using the ECP (B) and keypad-type protocol, each FSA module can support up to 24 LEDs dependent upon model selection. In addition, the FSA module provides power and system status (up to 96 unique zones can be displayed) with LEDs and control via Silence/Reset and Test buttons. An optional Fire System Annunciator Keyswitch Module (FSAKSM) offers even more versatility by unconditionally silencing and resetting the Fire Partition.

FEATURES:

- 8 or 24 LED annunciators with sounder
- Power and trouble LEDs
- Silence and reset switch
- Lamp test switch
- Fully supervised
- Operates on Commercial Vista Panel keypad bus
- Up to four FSA-8 or 24 led annunciators per system
- Optional Key-Reset Switch

SPECIFICATIONS:

Physical Dimensions
- 4" W x 4" H x 3/4" D (FSA-8)
- 8" W x 4" H x 3/4" D (FSA-24)

Electrical
- Input Voltage: 12 VDC
- Current: 35mA idle, 65mA all LEDs lit and sounder on

LOCAL TEST MODE:
Prior to installation the local test mode should be performed. With only power applied to the FSA module, press any button within 3 seconds. All LEDs will light and the sounder will beep, then all LEDs will sequentially light and turn off. The sounder will beep once at the end of the test.

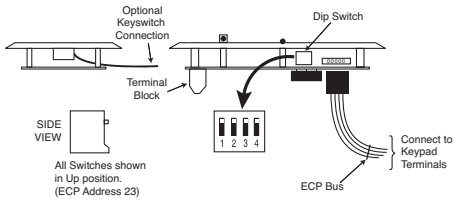
INSTALLATION:
For UL Installations: Mount the FSA module horizontally to a duplex box (quad box for FSA-24). All wiring between the FSA module and the control must be run in conduit.

CONNECTIONS AND SETTINGS:
Select and set an address for the FSA module, using its DIP switch as shown in the table below. Each FSA module used with the control must be assigned a unique address so the control can identify the FSA module and communicate with it properly. The address to be set is determined by the particular control to be used, and the control's installation instructions must be consulted.
Connections to the control's keypad wiring points are made via 5-position terminal block TB1, a 5-pin plug or both (wire color connections are the same).

TO ENABLE THE FSA UNIT:
- At the control panel keypad, from the Data Field Programming Mode, press #93 to display "ZONE PROG". Press 0 repeatedly to display the "DEVICE PROG?" prompt. Press 1 to enter Device Programming.
- The "DEVICE ADDRESS" prompt is displayed. The device address identifies the device to the control. Enter the 2-digit FSA module address number to match the physical address of the FSA module DIP switch settings (08-23). Up to 4 FSA modules can be installed in the system. Each requires a unique device address.
- Press [ ] to accept entry. The "DEVICE TYPE" prompt is displayed. Enter 8 = Fire Display.
- Press [ ] to accept entry. The "RST FIRE PTN?" prompt is displayed.
- Enter 0 to disable the FSA's Silence/Reset button (default mode).
- Enter 1 to enable the FSA's Silence/Reset button to Silence the fire alarm system when pressed once. (Silence only)
- Enter 2 to enable the FSA's Silence/Reset button to Silence and then Reset the fire alarm system when pressed twice.
  Requires the approval of the AHJ.
  Please Note: When the installation is Fire/Burg, a Burg Zone should not be Installed (or enrolled) in the Fire partition (partition 1). It will be Reset with a "Fire Reset" and the system will lose Burg security.
- Press [ ] to accept entry. Be sure to set the FSA module DIP switches to match the Device Address you have enabled.

TO PROGRAM THE LEDS:
- At the control panel keypad, from the Data Field Programming Mode, press #93 to display "ZONE PROG".
- Press 0 repeatedly to display the "OUTPUT PROG?" prompt.
- Press 1 to enter Output Programming. The "ENTER RELAY #" prompt is displayed.
- Enter the 2-digit Relay / Output # (01 – 96). OR Enter 00 to Quit (00 = Quit).
- Press [ ] to accept entry. Refer to the control panel installation and programming guide relay programming section. Program the LEDs as if they were relays selecting zone number, list, or type, start/stop instructions, etc. until the "RELAY TYPE" prompt is displayed. At this prompt enter 3 = FSA.
- Press [ ] to accept entry. The "ECP ADDRESS" prompt is displayed. Enter the 2-digit ECP address of the FSA.
- Press [ ] to accept entry. The "LED #" prompt is displayed. Enter the LED number to be associated with the zone number, type, or list previously programmed.
- Press [ ] to accept entry.
- Repeat for all LEDs at "ENTER RELAY #" prompt.

SYSTEM TEST MODE:
With the system installed and programmed, press the TEST button. All LEDs will light and the sounder will beep, then all LEDs will sequentially light and turn off. The sounder will beep once at the end of the test.



DIP Switch Position	ECP Address															
	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Down	Up	Down	Up	Down	Up	Down	Up	Down	Up	Down	Up	Down	Up	Down	Up
2	Down	Down	Up	Up	Down	Down	Up	Up	Down	Down	Up	Up	Down	Down	Up	Up
3	Down	Down	Down	Down	Up	Up	Up	Up	Down	Down	Down	Down	Up	Up	Up	Up
4	Down	Down	Down	Down	Down	Down	Down	Down	Up	Up	Up	Up	Up	Up	Up	Up

ORDERING:

Part No.	Description
FSA8	Fire Annunciator
FSA24	Fire Annunciator

VistaView-100
CCTV Switcher

Honeywell's VistaView-100 module is a CCTV switcher that accepts four video inputs, switching them to two video outputs. The video inputs are compatible with any standard 75 ohm, line-locked, black and white or color video cameras. The video outputs are compatible with any standard 75-ohm video monitor or recorder.

The VistaView-100 also provides a form-C trigger relay output and an open collector video loss output. The trigger relay output may be used to start and stop recording or to change from time lapse to real time recording. The video loss output indicates when video signals are no longer present on one or more video input.

FEATURES:

- Four Video Inputs compatible with 75 ohm black and white or color cameras
- Two Video Outputs compatible with 75 ohm video monitors or recorders
- Form C Trigger relay output
- Open Collector video loss output signal
- Programs like ADEMCO 4204 Relay Module
- Can be used as a stand alone switcher when 12VDC is supplied
- BNC connectors provided for video input and output connections
- Wall or shelf mounting

SPECIFICATIONS:

Physical Dimensions
- 6-7/16" W x 4-3/4" H x 1-1/4" D

Electrical
- 12VDC nominal, 9.6 – 14VDC operating range

Current
- 72mA

Video Inputs
- Unbalanced, 75 ohm termination, Compatible with black & white or color composite video signals, BNC connections

Agency Listings
- UL609, UL864, UL985, UL1023

Video Outputs
- Unbalanced, 75 ohm termination, unity gain BNC connections

Trigger Relay
- Form C contacts rated 1A @ 24VAC/VDC

VistaView-100
CCTV Switcher

General Information:
The ADEMCO VistaView-100 module is a CCTV switcher that accepts 4 video inputs, switching them to 2 video outputs. The video inputs are compatible with any standard 75 ohm, line-locked, black and white or color video camera. The video outputs are compatible with any standard 75-ohm video monitor or recorder. The VistaView-100 module also provides a form-C trigger relay output and an open collector video loss output. The trigger relay output may be used to start and stop recording or to change from time lapse to real time recording. The video loss output indicates when video signals are no longer present on one or more video inputs.

VistaView-100 has two modes of operation. In normal sequencing mode, VistaView-100 automatically sequences the installer selected video inputs to the 2 outputs using an installer selected dwell time that is common to both outputs. This mode allows cameras assigned to a given output to be continuously monitored using a video monitor and/or continuously recorded using a recorder set for time lapse recording. In panel trigger mode, VistaView-100 switches one specific video input to the OUTPUT1 line on a momentary basis using a separate installer selected dwell time or on a latched basis as directed by commands received from an ADEMCO control. VistaView-100 receives these commands via the control panel's ECP bus and responds to the same commands that the panel uses to activate the relays on the 4204 relay module, thereby allowing it to be used with any panel that supports the 4204. This mode allows one specific camera to be monitored by a video monitor and/or recorded by a recorder set for real time recording when an installer defined event occurs such as an alarm or trouble condition on a selected control panel zone.

VistaView-100 can be powered from a control's 12VDC auxiliary power Output or from a supplementary 12VDC power supply. The VistaView-100 module can be used without a control when powered by a supplementary 12VDC power supply and when the panel trigger mode will not be used.

The VistaView-100 module provides BNC connectors for video input and output connections and screw terminals for power source. ECP bus, trigger relay, and video loss output connections.

Installation:
The VistaView-100 may be wall mounted or placed on a shelf. The VistaView-100 is supplied in a plastic case. To mount the case on a wall, insert two self-tapping screws (supplied) into the wall with the screw heads projecting approximately 1/8 inch. Remove the VistaView-100 PCB from the case and with the holes for the BNC video connectors facing down, position the slotted holes on the case back onto the screw heads. On the inside of the case remove the plastic step that covers the screw heads and tighten the screws to secure the case to the wall. Install the VistaView-100 PCB into the case.

Connections:
The VistaView-100 must be connected via its video BNC connectors to the video cameras, monitors, and recorders to be used with 75 ohm coaxial cable. Consult the instructions provided with these devices for cable length limitations. Depending on the devices used, the maximum cable length running from a camera, through VistaView100, to a monitor or recorder is typically 500 to 1000 feet when high quality, low distortion coaxial cable such as RG59B/U is used. Run wires from VistaView-100's power input and ground screw terminals to a 12VDC power source (i.e., control's auxiliary power output). If panel trigger mode will be used, run wires from VistaView-100's Data In/Out screw terminals to the corresponding ECP bus terminals on the control. If video loss is to be annunciated on the control, run a wire from the video loss screw terminal to one leg of the EOL resistor on a control panel zone that has a grounded return. Program the zone for 24-hour trouble (or equivalent) response. When the VistaView-100 is not powered from the control, run a wire from its ground screw terminal to a ground terminal on the control so that both devices share a common ground reference.

Programming and Operation:
For normal sequencing mode, set the DIP switches OUT1 and OUT2 to assign the desired video inputs to OUTPUT1 and OUTPUT2, respectively. Adjust the NSD trimpot to select the desired normal sequencing dwell time (1 to 30 seconds). Note that the VistaView-100's trigger relay remains inactive in this mode.

For panel trigger mode, set the ECP DIP switch to the address that will be used by the control to communicate with the VistaView-100. Refer to the instructions provided with the control when selecting this address. The table below shows the DIP switch settings for each of the 16 possible addresses that can be selected. Be sure to choose an address that is different from the addresses of all other devices, including other VistaView-100 modules, which are connected to the Control's ECP bus.

Program the address selected into the control and assign device type 4 (i.e., output device) to this address using the control's Device Programming Menu. Also program the events that will trigger relay numbers 1 through 4 (corresponding to INPUT1 through INPUT4) along with start and stop options for these relays using the control's Relay Programming Menu. Video inputs should either be assigned an "Activate For 2 Seconds" start option (this option does not require a stop option to be programmed) or an "Activate Steady Until Stopped" start option (this option requires a stop option to be programmed). When VistaView-100 receives a command to activate a relay for 2 seconds, it will switch the corresponding video input to OUTPUT1 for the dwell time selected by the PTD trimpot. This dwell time ranges from 2 to 60 seconds. Adjust the PTD trimpot to select the desired dwell time. When VistaView-100 receives a command to activate a relay steady, it will switch the corresponding video input to OUTPUT1 until it receives another command to deactivate the relay. When VistaView-100 receives a command to activate a second, third, or fourth relay before a previously switched input has been deactivated, it will automatically sequence between all activated inputs using a fixed 1-second dwell time. VistaView-100 will activate its on-board trigger relay when one or more inputs are switched to OUTPUT1 and will de-activate this relay when all inputs have been deactivated.

VistaKey-SK
Access Control

Honeywell's VistaKey-SK Single Door Access Control Starter Kit is incredibly easy to install and configure. The kit contains one proximity reader with a Weigand style interface. Designed to provide low-cost access control expansion for the popular VISTA-32FB, 128B, 128FB, 250B* or 250FB* Integration-Ready control panels, the state-of-the-art module maximizes security investments by integrating access control, intrusion detection and fire detection into one system. Installation costs are reduced by eliminating the need to install additional wiring, panels and software.

VistaKey-SK communicates with the control panel on a standard two-wire V-Plex polling loop. Access validation time is minimized through ADEMCO's patented Global Polling feature and special V-Plex protocol. Installation time is reduced through automatic enrollment and quick-start test functions. All programming can be accomplished locally by a keypad or remotely using Honeywell's Compass Downloader software. Specific system events can be reported to the central station via Contact ID.

COMPATIBLE CONTROLS

VistaKey can be used on any commercial VISTA control platform that supports V-Plex and Honeywell's patented Global Polling feature:

• VISTA-32FBP • VISTA-128BP • VISTA-128FBP • VISTA-250BP* • VISTA-250FBP*

FEATURES:

Dealer Benefits

- Helps reduce installation material and labor costs by eliminating the need to install additional control panels, software and wiring for access control
- Helps reduce the time required for installation though automatic module enrollment and quick-start testing
- Helps simplify installation and service through tightly coupled integration, which eliminates the need to program multiple databases
- One downloader programs security, fire, CCTV, and access control

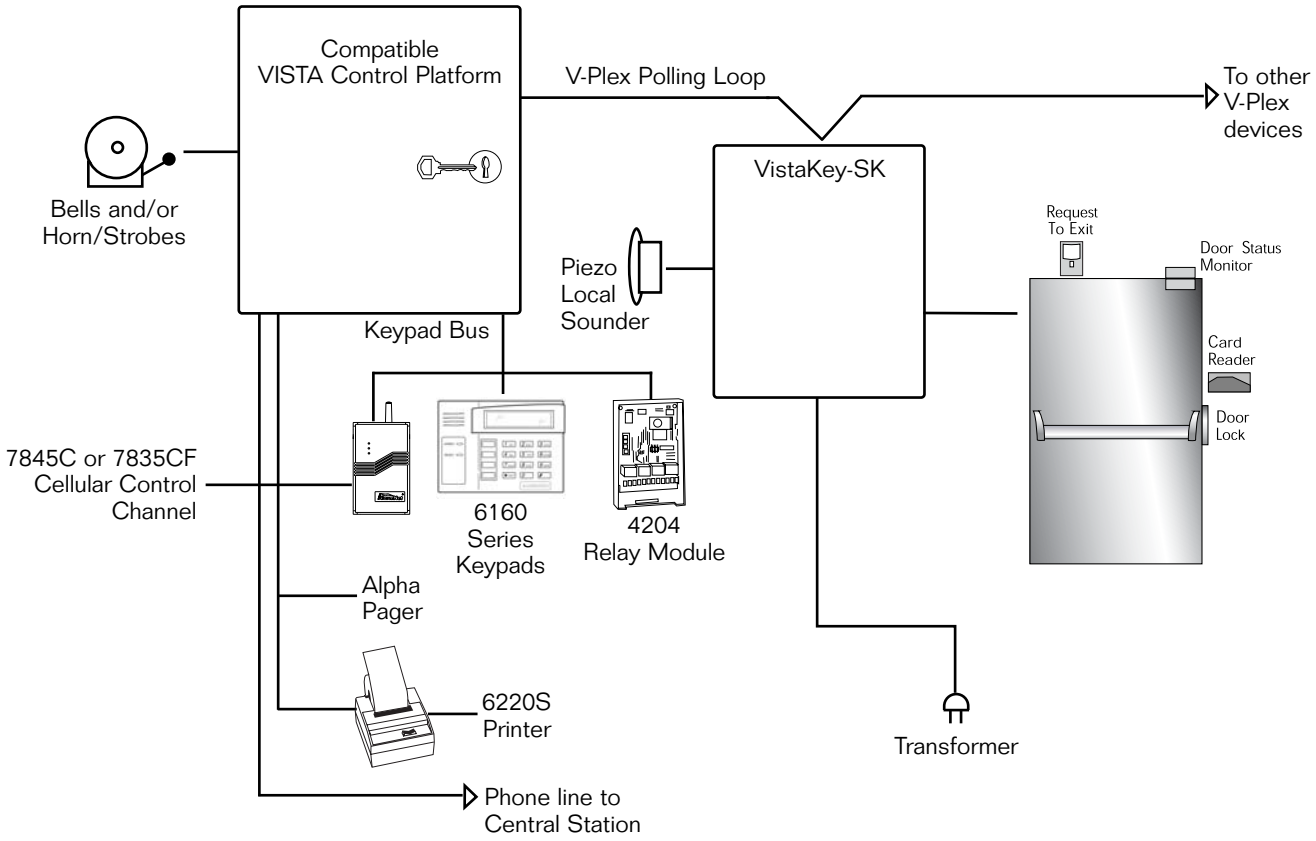
End-User Benefits

- Maximizes security investments by integrating access control, intrusion detection, early warning fire detection, and industrial process control into a single system
- Helps reduce false alarms by simplifying operation through the use of a card swipe or wireless keyfob
- Reduces operational costs by eliminating the need to re-key (due to employee turnover)
- Improves security by controlling access to specified areas in the protected premises
- Streamlines security operations by monitoring and recording user activity at a single location

Key Features

- Supports up to 250 card holders and eight access groups
- Supports up to two door readers per kit
- A maximum of four to eight doors dependent upon control platform
- Wires on standard V-Plex polling loop
- Three input zones, supervised or unsupervised, can be used for door status monitoring
- Request-to-exit monitoring and cabinet monitoring (Tamper)
- One open collector output trigger (sink 12mA @ 12vdc)
- 512 access control events recorded in VISTA event log
- Programmable locally from keypad or remotely from Compass Downloader
- UL listings: UL294, UL, CUL

VistaKey-SK
Access Control



PERIPHERAL DEVICES:

The following listing identifies some peripheral devices that can be used with VistaKey-SK.

Devices	Description
Card Readers	ADEMCO OP30-FWM Proximity Card Reader
Access Cards	ADEMCO K3399 (set of 25) Encoded Proxcards with 34 bit format
Power Supply	ADEMCO power supply part# SA12040, 12 vDC, +/- 15% @ a maximum of 1.5 amps
Door Strike or Lock	Any commercially available electric strike or magnetic lock with a working voltage of 12 vDC and a maximum current of 1.5 amps

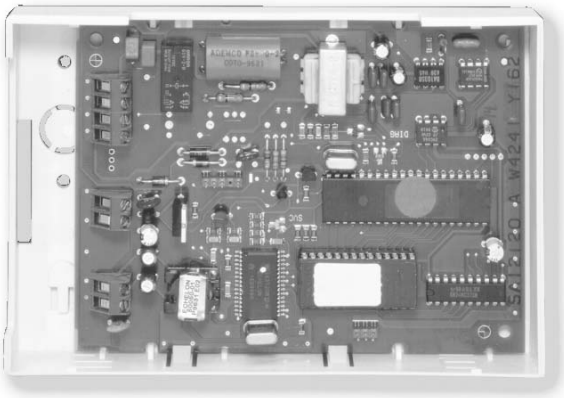
Control	VistaKey-SK capacity
VISTA-32FB	4
VISTA-128BP	8
VISTA-128FBP	8
VISTA-250BP*	15
VISTA-250FBP*	15

ORDERING:

Part No.	Description
VistaKey	V-Plex Single-Door Access Control Module with Plastic Enclosure
VistaKey-SK	Starter Kit: includes 1-VistaKey, 1-Cabinet (UL listed), 1-Transformer, 1-OP30-FWM Proximity Card Reader, 1-K3399 Proxcards (25), 1-SA12040 Power Supply Board, 1-VistaKey Two-Card Mounting Plate
VistaKey-EXPK	Pre-boxed Expansion Pack: includes 1-VistaKey Module and 1-OP30-FWM Proximity Reader

VISTA Gateway Module (VGM)

Access Control Interface



The VISTA Gateway Module (VGM) provides an interface between the ADEMCO VISTA fire/burglary alarm system and Honeywell's PassPoint Access Control System. Cross-functional user requirements such as card swipe to arm/disarm now become a simple reality. VGM by itself provides a Dialer for your PassPoint system to send Contact ID information to a central station.

FEATURES:

- 8 bit microprocessor.
- EEPROM based configuration storage.
- Echelon Network interface implemented with an Echelon transceiver.
- An ADEMCO Expanded Console Protocol (ECP) port consisting of a four wire interconnect: power, ground, data transmit, and data receive.
- An ADEMCO Contact ID Dialer interface uses the ADEMCO Contact ID report format to communicate with a central station.
- VGM allows existing central station automation equipment to accept and recognize access control related events and differentiate them from burglar and fire alarm activities.
- VGM accepts power from both VISTA panels and PassPoint systems so that in the event of a power loss on either system, the other can operate the VGM unit.

VISTA Gateway Module (VGM)
Access Control Interface

APPLICATIONS:

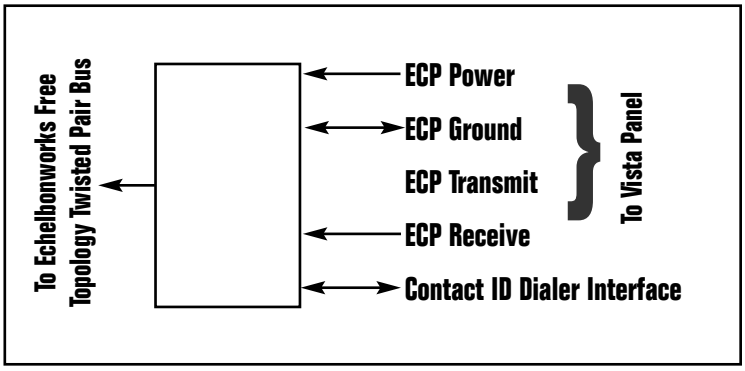
Once the appropriate configuration information has been transferred from the PassPoint's Main Logic Board (MLB) to the VGM, the VGM passes the messages as indicated by the configuration from the MLB to the Vista and from the Vista to the MLB. It keeps a copy of its configuration in a small on board serial EEPROM.

INSTALLATION:

The VGM obtains its power from the LOCAL power output connection of its associated Access Control System Power Supply (ACS PS) when mounted in a cabinet with a dedicated ACS PS. When mounted in a cabinet along with an MLB or the PassPoint Door Control Module (DCM), it obtains its power from the ACS PS REMOTE power output. The VGM requires 10.5-14V DC @ 100mA. The VGM can also connect to a Vista keypad power source.

SPECIFICATIONS:

The VGM communicates with its MLB via a twisted pair network connection. Physically, this connection adheres to Echelon Free-Topology Transceiver specifications (Transformer-Coupled, Differential-Pair, 78Kbps). Logically, the connection is made through the use of the Echelon Lonworks Protocol. Each VGM connected to the network is considered a "node" and is identified by a unique 48-bit serial number which is present in the VGM's Neuron chip.



ORDERING:

Part No.	Description
PTVGM	VISTA Gateway Module

4208SN
V-Plex Zone Expander

Honeywell's 4208SN Remote Point Module (RPM) is an eight-zone expander that allows the use of available expansion zones on ADEMCO controls that support V-Plex polling loop devices.

FEATURES:

- Can be used on controls that support up to 250 zones
- Can be optionally powered from an external DC power supply to reduce the amount of current draw from the polling loop
- Uniquely identifies eight EOLR supervised zones (all zones use 10K resistors, supplied)
- Each zone is identified by a unique serial number, which is assigned via on-board DIP Switches
- Detects faults on all zones within 400ms of occurrence
- Loops A & B can be programmed for fast (10ms) response
- Provides cover tamper protection, which may be enabled or disabled via on-board DIP Switches

SPECIFICATIONS:

Physical
- 6-7/16" W X 4-1/4" H X 1-1/4" D (163mm X 108mm X 32mm)

Electrical
- Polling Loop Voltage: 11V nominal; 8.7 - 14VDC range
- Current: 33.6mA when polling loop provides power to module, 0.6mA when 12VDC input provides power to module. See chart below.
- 12VDC Input Voltage: 12V nominal; 9.4 - 14VDC range
- Current: 33mA when this input provides power to module (optional). See chart below.

Expander Sensor Loop Response
- Slow: 400msec (all loops)
- Fast: 10msec (option for loops A and B)

Expander Sensor Loop Current
- 0.52mA (normal)
- 1.3mA (shorted)

NOTE: These currents apply when polling loop input = 11VDC and 10VDC input is not connected to external supply

Sensor Loop Max. Resistance:
- Up to 300 ohms of wire resistance + 10K EOLR

Agency Listing
- UL 985 Household Fire
- UL 1023 Household Burglary
- UL 609 Commercial Burglary
- UL 864 Commercial Fire
- CSFM
- FM (Pending)
- CUL
- CE (requires #N6361)

Power Input Source	**Current Draw** (all zones shorted)	
	From Polling Loop	**From External Power**
Polling Loop Only	33.6mA	N/A
Polling Loop and External Power Input	0.6mA	33mA

For UL Listed Commercial Fire Usage:
Use N.O. contacts. Style B supervise these loops using Model #EOL 100 fire listed 10K EOLRs (purchased separately).

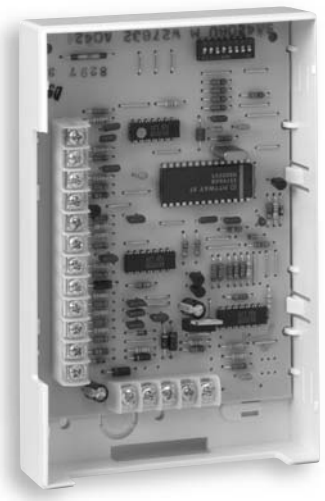
For UL Listed Commercial Burglary Usage:
Use N.O. or N.C. contacts. Supervise using EOLRs supplied.

ORDERING:

Part No.	**Description**
4208SN	8 Zone Expander

4208SN
V-Plex Zone Expander

Honeywell's 4208U Remote Point Module (RPM) is an eight-zone expander that allows the use of available expansion zones on ADEMCO controls that support V-Plex polling loop devices.



FEATURES:

- Can be optionally powered from an external DC power supply to reduce the amount of current draw from the polling loop
- Uniquely identifies eight EOLR supervised zones (all zones use 10K resistors, supplied)
- DIP Switches can be used to set zone numbers or serial numbers
- When used in the serial number mode, each serial number in the selected group can be assigned to any zone number
- Loops A & B can be programmed for fast (10msec) response
- Provides cover tamper protection, which may be enabled or disabled via on-board DIP Switches

SPECIFICATIONS:

Physical:
- 6-7/16" W X 4-1/4" H X 1-1/4" D (163mm X 108mm X 32mm)

Electrical
- Polling Loop input: 7.3 - 14VDC range
- Current draw: 28.6mA max. External power and polling loop See chart below.

External Power Input (optional)
- 12VDC @ 28mA (from control panel's auxiliary power)

Sensor Loop Response:
- Slow: 400 msec (all loops)
- Fast: 10msec (option for loops A and B)

Sensor Loop Current:
- Polling loop input = 11VDC, no external power input):
- 0.52mA (normal)
- 1.3mA (shorted)

Sensor Loop Max. Current:
- Up to 300 ohms of wire resistance + 10K EOLR

Agency Listings
- UL 985 Household Fire
- UL 1023 Household Burglary
- UL 609 Commercial Burglary
- UL 864 Commercial Fire
- CSFM
- FM
- CUL
- CE (requires #N6361)

Power Input Source (Input Voltage: 11-14VDC)	**Current Draw** (all zones shorted)	
	From Polling Loop	**From External Power**
Polling Loop Only	27.3mA	N/A
Polling Loop and External Power Input	0.6mA	33mA

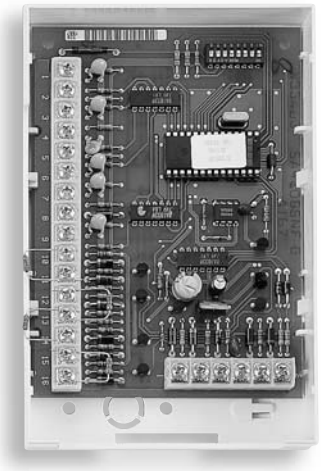
For UL Listed Commercial Fire Usage:
Use N.O. contacts. Style B supervise these loops using Model #EOL 100 fire listed 10K EOLRs (purchased separately).

For UL Listed Commercial Burglary Usage:
Use N.O. or N.C. contacts. Supervise using EOLRs supplied.

ORDERING:

Part No.	**Description**
4208U	8 Zone Expander

4208SNF
UL Listed V-Plex Zone Expander



Honeywell's 4208SNF Remote Point Module (RPM) is a UL listed eight-zone expander that provides (6) class B and (2) class A expansions zones to any Vista Fire/Burg control panel that supports serial V-Plex polling loop devices.

FEATURES:

- Can be used on controls that support up to 250 zones
- Provides up to six Class B supervised zones using external 10k EOL resistors and two Class A supervised zones using built-in 10k EOL resistors
- Powered from addressable loop or optionally powered from an external DC power supply to reduce current draw from the addressable loop
- Each zone is identified by a unique serial number, which is assigned via on-board DIP switches
- Detects faults an all zones with 400msec of occurrence. Two Class B zones can be optionally set for fast (10msec) response via on-board DIP switches
- Provides cover tamper protection, which may be enabled or disabled via on-board DIP switches

Class B to Class A Zone Converter Features

- Allows up to two Class B control panel zones to be converted into Class A zones
- Control panel's response time to faults on the module's Class A zones is equal to the response time of the control panel's converted Class B zones plus one msec
- Must be powered from an external 12vdc power supply such as the 12v auxiliary power output on the control panel

4208SNF
UL Listed V-Plex Zone Expander

SPECIFICATIONS:

Physical

- 6-7/16" W X 4 1/4 H X 1-1/4" D (163mm X 108mm X 32mm)

Electrical

- Used as a Zone Expander
- Addressable V-Plex loop Voltage: 11v nominal; 8.7 - 14VDC range – Current 33.6mA when polling loop provides power to module; 0.6mA when 12VDC input provides power to module
- 12VDC Input Voltage:12V nominal: 9.4 - 14 VDC range – Current: 33mA when this input provides power to module (optional)
- Used as a Class A Converter
- 12VDC Input Voltage:12VDC nominal, 9.4 - 14VDC range,
- Current: 22mA

Agency Listings

- UL985 Household Fire
- UL1023 Household Burglary
- UL609 Commercial Burglary
- UL864 Commercial Fire
- CSFM
- FM
- CUL
- CE (requires part#N6361)

MOUNTING INSTRUCTIONS

When used as a zone expander, the 4208SNF may be placed inside the control panel cabinet or mounted remotely. When used as a Class B to Class A zone converter, the 4208SNF must be placed inside the control panel cabinet.

EXPANDER SENSOR LOOP RESPONSE

- Slow: 400msec (all loops)
- Fast: 10msec (options for loops A and B)

EXPANDER SENSOR LOOP CURRENT

- 0.52mA (normal)
- 1.3mA_ (shorted)

Note: Addressable loop input = 11VDC, no external power input required

SENSOR LOOP MAX. RESISTANCE

- Loops A - F (Class 8); Up to 300 ohms of wire resistance + 10k EOLR
- Loops G, H (Class A); Up to 150 ohms of wire resistance on each side

CURRENT DRAW CALCULATIONS:

Power Input Source	Expander/Converter	Current Draw from Addressable Loop (all zones shortened)	Current Draw from External Power (all zones shortened)
Addressable Loop Only	Expander	33.6 mA	N/A
Addressable Loop and External Power Input	Expander	0.6 mA	33 mA
External Power Only	Converter	N/A	22 mA

ORDERING:

Part No.	Description
4208SNF	Universal Class/B Expander Module

5800 SERIES
Commercial

5881ENHC

5817CB

5869

Honeywell's 5800 series commercial wireless products allow the wireless installation of traditional hardwire burglary or fire devices in commercial UL applications.

FEATURES:

5817CB Commercial Wireless Transmitter

- Use with commercial and household fire/burglary initiating devices, including sensors, contact switches and pull stations
- Three unique input loops (zones)
- First loop (supervised primary) – typically used for high priority alarm reporting, such as commercial fire or burglary
- Second and third loops – normally closed reed switch used in conjunction with a magnet
- Contains two tamper switches

5869 Commercial Hold-up Switch w/Transmitter

- Front and back tamper switches
- Easily mounted
- Quick enrollment
- Includes battery
- Requires key to reset

5881ENHC Commercial Wireless Receiver

- One or two receivers (on certain controls) can be used to provide redundant coverage or extend coverage in large areas
- Spatial diversity system virtually eliminates "nulls" and "dead spots" within the coverage area
- Contains front and back tamper switches, permitting use in commercial burglary installations
- Connects to control platform via keypad bus

5800 SERIES
Remote Controls

5800 Series Remote Controls give your customers one-touch control of their security systems lights, and appliances.

5804
Four-button
Wireless Key

5804BD/
5804BD-PK
Bi-directional
Remote

5802MN
Single-button
Personal Panic

5802MN2
Dual-button
Personal Panic

5801
Remote Control

5827
Wireless Keypad

5827BD
Two-way
Wireless Keypad

5804E
Four-button
Programmable
Encrypted
Wireless Key

5804BDV
Bi-directional
Remote
with Voice
Annunciation

5804Watch
Wireless Remote
Operation

5802/5802CP
Portable Panic

5804-2
Two-button
Wireless Key

5800 SERIES
Remote Controls

TRANSMITTERS

5800
Wave Siren

5814
Ultra-small Door/Window Transmitter

5816/5816BR
5800 Wireless Transmitter

5817
5800 Wireless Transmitter

5817CB
5800 Commercial Wireless Transmitter

SPACE PROTECTION

5818/5818BR
Recess Transmitter

5849
Glassbreak Detector, Dual Technology

5890PI
PIR Motion Detector with Pet Immunity

5890
PIR Motion Detector

5852
FlexGuard® Adjustable Glassbreak

5819
Shock Processor and Transmitter

5819WHS
Shock Processor and Transmitter

5853
Glassbreak Detector

FIRE PROTECTION

5808LST
Photoelectric Smoke and Heat Detector

5809
Wireless Rate-of-Rise Fixed Temperature Heat Detector

V-Plex Devices

4101SN
Addressable Relay Module

4190SN
Two Zone Expander

4193SN
SIM Serial Interface Module

4208SNF
Universal Class A & Class B Expander Module

4208U
Addressable Loop Expansion Module

4209U
Zoning Module

4293SN
Adapter

4297
Extender Module

5192SD
Photoelectric Smoke Detector

5192SDT
Photoelectric Smoke Detector

998MX
Multiplex PIR with Lookdown

Quest 2260SN
Multiplex Dual Technology Motion Sensor

4275EX
Multiplex Mirror PIR Motion Detector

4278EX/
4278EX-SN
Multiplex Quad AP PIR Motion Detector

4191SN
Recessed Magnetic Contact

4194WH
Surface Reed

Point ID Contact

4939SN
Addressable Surface Mount Contact

4944SN
Addressable Recessed Mount Contact

4945SN
Addressable Surface Mount Contact

4959SN
Addressable Overhead Door Contact

9500SN
Glassbreak Detector

7845i
Internet Communicator

Honeywell's 7845i Internet Communicator was developed to address the growing use of the Internet and existing LAN wiring within companies to transport alarm signals. Unlike competitive solutions, the 7845i Internet Communicator simplifies the installation process while providing the absolute best in data security. Compatible with all AlarmNet central stations, the 7845i installs easily in the protected premise, transmitting signals through AlarmNet's server to the central station.

FEATURES:

- Reports alarm and other signals easily over the Internet
- Allows remote control of the protected premise with optional AlarmNet service
- Easy CAT-5 10BT connection to a hub or router
- Installs behind firewalls without compromising network security
- Works with dynamic or static IP addressing (dynamic addressing supported through DHCP services on most routers and firewalls)
- No central station IP addresses need to be programmed
- Highest levels of data security are assured:
  - 1,024 bit encryption standard
  - Two-way authentication is automatically applied
  - No key exchange occurs for maximum data protection

The 7845i is quickly installed by connecting a four-wire run to the appropriate ADEMCO control panel. The other connection is a CAT-5 connection to a router or local area network with Internet access.

BENEFITS

- No significant network training required of installation personnel
- Commercial accounts will appreciate the fact that they don't have to degrade their firewall security or provide specific accommodations
  - No specific port numbers must be opened for inbound traffic
  - Fixed IP addresses do not have to be assigned and maintained
- Once connected, the 7845i quickly establishes communication to the central station Internet receiver, even when the receiver and/or the 7845i are installed behind firewalls
- Flash memory architecture
  - assured future flexibility for feature and encryption updates
- Flexibility to change ISPs without a service call to the protected premise
- The 7845i can be simultaneously involved with a remote session and report alarms without breaking off the remote session
- Simple programming using existing AlarmNet Programmer (7720P)

7845i
Internet Communicator

SPECIFICATIONS:

Enclosure Dimensions:
• 6.5" H x 7.5" W x 1.5" D

Environmental Storage Temperature:
• 10ºC to 70º C

Operating Temperature:
• 0ºC to 50ºC

Humidity:
• 85% RH

Agency listings:

Table of Product Listings

	UL Listing Domestic							UL Canada	Others
	365	609	864	985	1023	1610	1635	CUL	CSFM
AlarmNet-i 7845i	✓	✓	✓	✓	✓	✓	✓	✓	✓
7810iR	✓	✓	✓			✓	✓	✓	✓
Symphony	✓	✓	✓	✓	✓	✓	✓	✓	✓

Table of Central Station Services

Grades	A	AA	B	BB	C	CC	A – Police Station	Residential Fire & Burg Warning	Canada Level
AlarmNet-i 7845i	✓	✓	✓	✓	✓	✓	✓	✓	3
7810iR	✓	✓	✓	✓	✓	✓	✓		3
Symphony	✓	✓	✓	✓	✓	✓	✓	✓	3

ORDERING:

Part No.	Description
7845i	Internet Communicator

7810iR
Internet Receiver

To address the growing use of the Internet and existing LAN wiring within companies to transport alarm signals, Honeywell's 7810iR Receiver was designed to receive alarms from any ADEMCO device capable of communication over the Internet. The 7810iR was designed with high security, flexibility and low maintenance in mind. It can be installed in any commercial setting and its intuitive and easy-to-use touchscreen quickly shows alarms and provides a simple user interface. Unlike competitive solutions, the 7810iR can handle a large number of accounts. Internet account capacity is unlimited and dictated by class of service.

The central station simply wires the 7810iR to an ADEMCO receiver (LRR card available with both the 685 and MX8000) or its output can directly be connected to the central station automation package. Alarm signals typically are received within seven seconds and often in less than five seconds. The 7810iR offers a host of key features that reduce operating costs at the central station.

FEATURES:

- Capable of receiving Internet messages from AlarmNet, including the entire base of AlarmNet radios and Internet transmitters
- 7810iR can be viewed remotely via any browser with the proper authority by authorized central station
- Easy CAT-5 10BT connection to a hub or router
- Installs behind firewalls without compromising network security
- Works with dynamic or static IP addressing (dynamic addressing supported through DHCP services on most routers and firewalls)
- Highest levels of data security are assured:

- 1,024 bit encryption standard
- Two-way authentication is automatically applied to each protected premise and the 7810iR Internet Receiver
- No key exchange occurs—assuring maximum data

BENEFITS

- No significant network training required of central station personnel
- Flash memory architecture

- assured future flexibility for feature and encryption updates

- Central Stations have total flexibility to change their Internet Service Provider without reprogramming their base of Internet devices
- Programming the 7810iR can be accomplished right from the touchscreen. Testing the communications path can be initiated right from the 7810iR.
- Indicator LED on the front panel assures "at a glance" knowledge of a live Internet connection

7810iR
Internet Receiver

SPECIFICATIONS:

Enclosure Dimensions:
• 5 3/4"H x 8"W x 1 1/4" D

Environmental Storage Temperature:
•10ºC to 70ºC

Operating Temperature:
• 0ºC to 50ºC

Humidity:
• 85% RH

Agency listings:

Table of Product Listings

	UL Listing Domestic							UL Canada	Others
	365	609	864	985	1023	1610	1635	CUL	CSFM
AlarmNet-i 7845i	✓	✓	✓	✓	✓	✓	✓	✓	✓
7810iR	✓	✓	✓			✓	✓	✓	✓
Symphony	✓	✓	✓	✓	✓	✓	✓	✓	✓

Table of Central Station Services

Grades	A	AA	B	BB	C	CC	A – Police Station	Residential Fire & Burg Warning	Canada Level
AlarmNet-i 7845i	✓	✓	✓	✓	✓	✓	✓	✓	3
7810iR	✓	✓	✓	✓	✓	✓	✓		3
Symphony	✓	✓	✓	✓	✓	✓	✓	✓	3

ORDERING:

Part No.	Description
7810iR	Internet Receiver

7720ULF
UL Listed Radio Transmitter

Honeywell's AlarmNet 7720ULF is a self-contained fire control and long-range radio transmitter that is UL listed for property protection and life safety. It is designed to provide compliance with fire code at a cost less than a system that communicates by two separate telephone lines.

FEATURES:

- Reduces cost compared to conventional system that uses two separate telco lines for compliance
- Zones can be used for water-flow switches and/or supervisory switches
- All zones can be used with voltage triggers or dry contact inputs
- 18VAC to DC power supply provides 24-hour back-up and minimum 15-minute bell when battery is added
- Housed in red metal cabinet with key lock.
- UL, FM, MEA, CFM.

The 7720ULF transmits periodic supervisory messages to alert the central station to system problems. A contact closure is available to indicate a radio fault. Communication is via a one-way 900 MHz radio link. The 7720ULF serves as a subscriber's link to the AlarmNet long-range radio network. Supervised long range radio transmission ensures event messages are sent and received every time.

Applications:

- Can be connected directly to waterflow detectors, pull stations and supervisory switches
- Built-in annunciation enables fire personnel arriving on the scene to quickly appraise the situation
- Six style B (Class B) and two style D (Class A) supervised zones are featured
- Inside the cabinet is a trouble buzzer with reset and a latching trouble LED
- Troubles annunciated locally and transmitted

AlarmNet Services

A AlarmNet-A Original AlarmNet
M AlarmNet-M Mobitex System
C AlarmNet-C Control Channel Cellular
I AlarmNet-i Internet

Ask your provider for the AlarmNet technology used in your area.

7720ULF
UL Listed Radio Transmitter

SPECIFICATIONS:

Installation:
The 7720ULF should be mounted indoors, in an area that is easily accessible. Before mounting the panel to the wall, the best location to install the panel can be determined by use of the 7715DF installation tool. If it is necessary to remotely mount the antenna avoid obstructions such as metal ducts, pipes, foil backed insulation, etc. as these will adversely affect Transmission. When mounting the antenna remotely, the coaxial cable must be inside conduit.

ACCESSORIES
Cables
• 7626-5, 7626-12, 7626-25HC, 7626-50HC
Antennas
• 7625-3DB - 3dB gain antenna
• 7674 - directional antenna (6db)
• 7674-13 - directional antenna (13dB)
• 7825 - weatherproof outdoor antenna
• 7825MB - Mounting bracket for 7825 antenna
• 7825DP - dipole antenna for vertical mounting
Miscellaneous
• 7620TR - transformer (required for operation)
Programmable Features
• EEROM (Electrically Erasable ROM) technology allows the 7720ULF to be programmed via the 7720P programmer.
Programmable features include
• Both the open loop supervision normally closed and the fire loop can be programmed for an open to signal trouble or a short to signal alarm
• Class A or B fire. Supervisory and waterflow functions are programmable for 0-90 second delays, in one-second increments.
• AlarmNet or private network reception
• True restore
• Voltage trigger input, inverted or non-inverted
• Dry contact input, normally open or normally closed
• Slave mode to existing fire control using telco, alarm open/close and test inputs
• Bell supervision
• Ground fault supervision
• Bell pulsed
• Bell time-out, 0-30 minutes in 2-minute increments

ELECTRICAL
Power
• 18.5VAC 40VA transformer
Battery backup
• 12V 0.8Ah rechargeable sealed lead acid battery
Current drain
• 100mA standby; 900mA in alarm
Input trigger levels
• 3.7 to 14 volts into 2K ohms
MECHANICAL
Dimensions
• 12" W X 12" H X 4" D
Operating Temperature
• 0° to +50° C
Storage Temp.
• -40° to +70° C
Humidity
• 90% non-condensing
Altitude
• To 10,000' operating, 40,000' storage

TRANSMITTER
RF power Output
• 5 watts nominal
Frequency Stability
• ±5 PPM
Frequency Band
• 928.0125 MHz to 928.3375 MHz,
• 935-941 MHz Receiver
Channel Separation
• 25 kHz
Antenna
• Female N-Type connector
Receiver Sensitivity
• -113 dBm
Regulatory approvals
• FCCID: CFS7720
Radio Faults Output
• Form C Relay

CONTROL
Aux. Power Output
• 150 mA max
Alarm Sounder
• Style Y (Class B)
• Polarized Bell
• 500mA max
Backup Battery
• 12VDC, 7AH NP7-12
Standby
• 24 hours with max 400mA aux. Loading
Zones
• Two style D (Class A) 6 style B (Class B)
Listings and Approvals
• UL, FM, MEA, CFM

ORDERING:

Part No.	Description
7720ULFPLUS	Transmitter

Contact your local distributor for the channel used in your area.

7830R
AlarmNet-M Transceiver

M SERVICE

Honeywell's 7830R AlarmNet-M Tramsceiver interfaces easily with any alarm control, increasing system wide reliability.

The 7830R provides alarm signal transmission into a Mobitex Data Network to access the AlarmNet-M service. It will connect to virtually any alarm control to provide reliable alarm signal communication. Upon detecting an alarm, the 7830R sends the messages to AlarmNet which in turn relays the messages to the Central Station.

FEATURES:

- Interfaces with virtually any alarm control to the AlarmNet-M radio network for alarm signal transmission
- Four zones standard
- Radio fault output relay built-in
- Five LEDs indicate radio link and alarm system status
- Designed to meet UL grade AA requirements

Applications

Provides the highest level of security available. Dealers can connect the 7830R to almost any security system to transmit alarms and supervisory signals to the central station in the event that telephone service is interrupted.

- Burglary, fire, panic
- Back-up phone line interruption
- Connects to any AlarmNet equipped Central Station
- Four zones standard
- Optional battery backup (not required for operation)
- Automatic cover and antenna tamper protection

7830R
AlarmNet-M Transceiver

SPECIFICATIONS:

The 7830R is wired to the panel per wiring diagram provided with the radio. Observe the LED once the 7830R is in normal operating mode to determine optimal installation location via built in diagnostics of the 7830R. Can be mounted vertically or horizontally depending on which antenna is used. Radio should not be mounted where it would be obstructed by a steel structure such as security doors and windows which may be pulled down at night. Once the radio has been installed and tested, it must be registered with AlarmNet before it can be monitored. NOTE: No alarm traffic will be routed to the monitoring central station until the 7830R completes the registration process.

ACCESSORIES

Cables
- 7626-5, 7626-12, 7626-25HC, 7626-50HC

Antennas
- 7625-3DB - 3dB gain antenna
- 7674 - directional antenna (6dB)
- 7674-13-directional antenna (13dB)
- 7825 - weatherproof outdoor antenna
- 7825MB - Mounting bracket for 7825 antenna
- 7825DP - dipole antenna for vertical mounting

Miscellaneous
- 1361 - transformer (required for operation)
- 7720BT- battery (required for operation)

Programmable Features

EEROM (Electrically Erasable ROM) technology allows the 7830R to be programmed via the AlarmNet 7720P programmer.

Programmable features include
- Daily supervision ON/OFF
- Tamper reporting ON/OFF
- Opening/closing reports ON/OFF
- Telco line fault report ON/OFF
- DC loss report ON/OFF
- Zone delay for each of 4 zones
- Voltage trigger input, inverted or non-inverted
- Dry contact input, normally open or normally closed
- Pulsed or non-pulsed for each zone (alarm trigger from bell output to differentiate Burg/Fire
- Fault relay ON/OFF
- Fault relay latch ON/OFF
- Dual Central Station reporting

MECHANICAL

Dimensions
- 8.5" x 9.5"'x 1.7" (without antenna or RF connector)

Operating Temp
- -30° to +60° C

Storage Temp
- -40° to +70° C

Humidity
- 5% to 95%, non-condensing

Altitude
- To 10,000' operating

ELECTRICAL

Power
- 16.5VAC 40VA transformer

Battery Backup
- 12V 0,8Ah rechargeable sealed lead acid battery

Current Drain
- 130 mA average

Input Trigger Levels
- Gate "O"' level less than 1.5V, "I" level greater rate than 3.5V, Sense of 4 zones, may be inverted in groups of 2

TRANSMITTER

RF Power Output
- 2 watts maximum

Frequency Stability
- ±1.5 ppm

Frequency Bond
- 896-902 MHz Transmit 935-941 MHz Receive

Channel separation
- 12.5 kHz

Modulation Modified
- Modified GMSK 8kbps data rate

Receiver Sensitivity
- 113 dBm

Regulatory Approvals
- FCC90-UL, ULC

Radio Fault Output
- Form C relay (can be programmed for fail-safe if desired)

ORDERING:

Part No.	Description
7830R	Subscriber Transceiver
7830RCN	Subscriber Transceiver (Canada)

AlarmNet Services

A	AlarmNet-A Original AlarmNet
M	AlarmNet-M Mobitex System
C	AlarmNet-C Control Channel Cellular
I	AlarmNet-i Internet

Ask your provider for the AlarmNet technology used in your area.

7845CZ
Cellular Transceiver

C SERVICE

Honeywell's 7845CZ is a cellular transceiver that lets installers add up to seven zones without ever having to buy any additional hardware.

It's an alternate version of AlarmNet's popular 7845C, the industry's highest quality, lowest-priced control channel radio. Coverage is virtually limitless, and there are no cellular phone calls required and no system busy conditions to deal with. The 7845CZ is fully supervised by AlarmNet with a low fixed monthly charge for normal traffic. What's more, the transceiver connects to virtually any alarm control panel. Central stations already equipped to receive AlarmNet do not have to purchase hardware or software.

FEATURES:

- Six wired inputs mapped to seven zones
- Low cost
- Compact size
- Powered from the panel
- Nationwide cellular system coverage
- Interfaces with virtually any alarm control to the AlarmNet radio network for alarm signal transmission
- Seamless, wireless connectivity through cellular networks, to AlarmNet equipped Central Stations
- Timed status check-in for radio link supervision
- Built in signal strength meter
- Battery backup
- Automatic cover and antenna tamper protection

Applications

Provides the highest level of security available. Dealers can connect the 7845CZ to almost any security system to transmit alarms and supervisory signals to the Central Station. It's also an incredibly effective backup in the event telephone service is interrupted, ensuring signals get through no matter what.

- Back-up to phone line interruption
- Seamless, wireless connection to AlarmNet equipped Central Stations
- Household burglary - UL1023
- Central station burglary - UL1610
  - Grade A
  - Grade B
- Police connect burglary - UL 365
  - Grade A

7845CZ
Cellular Transceiver

SPECIFICATIONS:

Installation:
After the radio is powered up, the LED should be observed to determine the optimal installation location. The installation LED will indicate signal strength, network contact and installation suitability. The radio is wired to the panel per the wiring diagram, and can be installed close to or inside the panel itself. Installing the 7845CZ within the panel requires the use of external antenna 7825-OC.
The radio is mounted according to the mounting instructions noting that the antenna must be vertical. It also should not be mounted by windows that may be pulled down at night, security doors or where it would be obstructed by steel structures.

PROGRAMMABLE FEATURES

Zone Options
- Radio Fault Output: Open collector ground trigger (programmable for fail-safe)

Zones 1 and 2
- 2K EOL supervised configurable for voltage or ground trip

Zone 3
- Configurable for LYNX panic or voltage or ground trigger

Zones 4, 5, 6, and 7
- Configurable for voltage or ground trip

Programmability
- Pulse/steady bell detection (fire/burg) (not for UL installation) (zones one and two)
- Restoral reporting
- Delayed reporting
- Dual central station reporting
- Supports silent panic for LYNX products (zone 3)

Other features
- Integrated smart swinger suppression
- Integral tamper switch: Dual function tamper switch for cover tamper detection, and installation test functions
- Power fail detection/reporting
- Low battery/battery condition reporting

ELECTRICAL

Power
- Powered from panel @ 100mA max. programmable option
- Optional 12.5VDC @ 3AMP DC power pack

- Backup battery: Burg: 6V 0.5Ah rechargeable sealed lead acid battery
- Current requirements: 90mA normal operation 400mA peak during transmission. Peak current supplied by battery.

MECHANICAL

Dimensions
- 4" W x 6.5" H x 1.5" D (without antenna)

Operating Temperature
- -30° to +60° C

Humidity
- 0% to 90% non-condensing

Transceiver
- MicroBurst™ compatible cellular radio
- RF power output: 0.6 watts

Frequency Band
- 833-835 MHz Transmit
- 878-880 MHz Receive

- Channel separation: 30 kHz
- Receiver sensitivity: -115 dBm
- Antenna: 5/8 wave helical unity gain
- Serial Mode: Radio faults are reported to the panel on the serial link

LED Indicators
- Three status LED visible when cover is on:
- Network connection status
- Power Status
- Alarm Delivery Status
- Seven installation and set-up LEDs visible when cover is off:
- Signal strength
- Installation suitability
- Operating Mode

Zone Inputs and Alarm Functions
- Reporting format in zone mode: ADEMCO High Speed

Coverage Update
- www.alarmnet.com

ORDERING:

Part No.	Description
7845CZ	Subscriber Transceiver

AlarmNet Services

A	AlarmNet-A Original AlarmNet
M	AlarmNet-M Mobitex System
C	AlarmNet-C Control Channel Cellular
I	AlarmNet-i Internet

Ask your provider for the AlarmNet technology used in your area.

7845CV2
Control Channel Cellular Subscriber Transceiver

C SERVICE

Now with Internal Tamper-Proof Antenna

Replaces 7845C

Honeywell's 7845CV2 Control Channel Cellular Subscriber Transceiver takes advantage of the latest advances in Control Channel Cellular design—offering virtually limitless coverage at an affordable price.

The 7845CV2 contains an internal tamper-proof antenna for an added level of protection.

All signals are delivered to the AlarmNet Control Center, which routes the information to the appropriate central station. The AlarmNet Control Center is fully redundant and monitored 24 hours a day, seven days a week.

AlarmNet has the ability to route messages using the AlarmNet- A, AlarmNet-M, AlarmNet-i and 800 Plus networks; all of which provide true redundancy and the highest reliability in message delivery.

FEATURES:

- Built-in tamper proof antenna
- Low cost/high reliability
- Built-in indicators make installation easy
- Compact size
- Nationwide coverage
- Multiple modes of operation
- Transmission in full contact ID or ADEMCO high speed
- Monthly or daily supervision
- Multiple registration and programming options
- Tamper protection
- Backup battery included

7845CV2
Control Channel Cellular Subscriber Transceiver

SPECIFICATIONS:

Electrical

Power:

– Powered from panel @ 100mA max., if current limit mode used

– Optional 12.5VDC @ 300mA DC power pack

- Backup battery: 6V, 0.5Ah rechargeable sealed lead acid battery provides four hours of battery backup
- Current requirements:

– 90mA normal operation

– 400mA peak during transmission

Mechanical

- **Dimensions:** 4" W x 6.5" H x 1.5" D
- **Operating Temperature:** -30° to +60° C
- **Humidity:** 0% to 90% non-condensing

UL/CUL Listings

- UL 609 - Local Burglar Alarm Units and Systems
- UL 365 - Police Station Connected Burglar Alarm Units and Systems
- UL 1610 - Central Station Burglar Alarm Units
- UL 1635 - Digital Alarm Communicator System Units
- UL 864 - Control Units For Fire-Protective Signaling Systems
- UL 1023 - Household Burglar Alarm System Units
- UL 985 - Household Fire Warming System Units
- CAN/ULC-S527-M87 - Standard for Control Units for Fire Alarm Systems
- CAN/ULC-S303-M91 - Standard for Local Burglar Alarm Units and Systems
- CAN/ULC-S304-M88 - Standard for Central and Monitoring Station Burglar Alarm Units
- ULC Subject C1023-1974 - Preliminary Standard for Household Burglar Alarm System Units
- CAN/ULC-S545-M89 - Standard For Residential Fire Warning System Control Units
- CSFM
- FM

Coverage Update

- www.alarmnet.com

ACCESSORIES

7720P
Programming Tool

7825-OC
Remote Antenna Kit

7720V2TR
DC Transformer

Internal Battery

7626-12
12' Extension Cable

7626-25HC
25' Extension Cable

7626-50HC
50' Extension Cable

AlarmNet Services

A	AlarmNet-A Original AlarmNet
M	AlarmNet-M Mobitex System
C	AlarmNet-C Control Channel Cellular
I	AlarmNet-i Internet

Ask your provider for the AlarmNet technology used in your area.

ORDERING:

7845CV2 Control Channel Cellular Subscriber Transceiver

7845CF

Cellular Fire Radio Control Channel Subscriber Transceiver

C
SERVICE

INCLUDES:
Cell radio, red cabinet, backup battery and battery cable, transformer, antenna, wiring for connecting antenna

Designed as a cellular backup for fire applications, Honeywell's 7845CF takes advantage of the latest advances in Control Channel Cellular design—offering virtually limitless coverage at an affordable price.

The 7845CF eliminates the need for a secondary dedicated phone line and helps increase recurring monthly revenue. It replaces the 7835CFPK when used with an ADEMCO control in ECP mode. The included 6V, 4.5A hour battery and internal battery charger provide more than 24 hours of backup time.

All signals are delivered to the AlarmNet Control Center, which routes the information to the appropriate central station. The AlarmNet Control Center is fully redundant and monitored 24 hours a day, seven days a week.

AlarmNet has the ability to route messages using the AlarmNet-A, AlarmNet-M, AlarmNet-i and 800 Plus networks; all of which provide true redundancy and virtually guarantee message delivery.

FEATURES:

- Built-in indicators make installation easy
- Designed as secondary connection for commercial fire
- Eliminates a dedicated phone line
- Increases recurring revenue
- Low battery detect and reporting
- Nationwide coverage
- Multiple modes of operation
- Transmission in full contact ID or ADEMCO High Speed
- Timed status check-in for radio link supervision
- Antenna tamper detect
- DC line voltage loss reporting
- Multiple registration and programming options
- Tamper protection
- In excess of 24 hours of battery backup

7845CF
Cellular Fire Radio Control Channel Subscriber Transceiver

SPECIFICATIONS:

Electrical
- Voltage Input: 9.6–13.8VDC, 12VDC nominal
- DC current drain: 400mA (max), during transmit
- Rechargeable backup battery: lead acid 6V, 4.5Ah
- Trigger Input: Rated 12mA@ 12V nominal (negative trigger signal)

Mechanical
- Weight: 9.5 lbs
- Dimensions: 14.5" x 12.5" x 2.75"
- Operating Temperature: -30° to +60° C

UL/CUL Listings
- UL 609 - Local Burglar Alarm Units and Systems
- UL 365 - Police Station Connected Burglar Alarm Units and Systems
- UL 1610 - Central Station Burglar Alarm Units
- UL 1635 - Digital Alarm Communicator System Units
- UL 864 - Control Units For Fire-Protective Signaling Systems
- UL 1023 - Household Burglar Alarm System Units
- UL 985 - Household Fire Warming System Units
- CAN/ULC-S527-M87 - Standard for Control Units for Fire Alarm Systems
- CAN/ULC-S303-M91 - Standard for Local Burglar Alarm Units and Systems
- CAN/ULC-S304-M88 - Standard for Central and Monitoring Station Burglar Alarm Units
- ULC Subject C1023-1974 - Preliminary Standard for Household Burglar Alarm System Units
- CAN/ULC-S545-M89 - Standard For Residential Fire Warning System Control Units
- MEA

Coverage Update
- www.alarmnet.com

ACCESSORIES

7720P
Programming Tool

7825-OC
Remote Antenna Kit

7720V2TR
DC Transformer

Internal Battery

7626-12
12' Extension Cable

7626-25HC
25' Extension Cable

7626-50HC
50' Extension Cable

AlarmNet Services

A	AlarmNet-A Original AlarmNet
M	AlarmNet-M Mobitex System
C	AlarmNet-C Control Channel Cellular
I	AlarmNet-i Internet

Ask your provider for the AlarmNet technology used in your area.

ORDERING:

7845CF	Control Channel Cellular Subscriber Transceiver

7845CZF

Cellular Fire Radio Control Channel Subscriber Transceiver

C SERVICE

INCLUDES:
Cell radio, red cabinet, backup battery and battery cable, transformer, antenna, wiring for connecting antenna

Designed as a cellular backup for fire applications, Honeywell's 7845CZF works with any product that provides outputs via contact closure or voltage trigger. The 7845CZF takes advantage of the latest advances in Control Channel Cellular design—offering virtually limitless coverage at an affordable price.

The 7845CZF eliminates the need for a secondary dedicated phone line and helps increase recurring monthly revenue. It replaces the 7835CFPK when zone inputs are required. The included 6V, 4.5A hour battery and internal battery charger provide more than 24 hours of backup time.

All signals are delivered to the AlarmNet Control Center, which routes the information to the appropriate central station. The AlarmNet Control Center is fully redundant and monitored 24 hours a day, seven days a week.

AlarmNet has the ability to route messages using the AlarmNet-A, AlarmNet-M, AlarmNet-i and 800 Plus networks; all of which provide true redundancy and the highest reliability in message delivery.

FEATURES:

- Built-in indicators make installation easy
- Designed as secondary connection for commercial fire
- Eliminates a dedicated phone line
- Increases recurring revenue
- Low battery detect and reporting
- Nationwide coverage
- Six supervised zones via contact closure or voltage triggers
- Seven reporting zones
- Inverted operation
- Multiple modes of operation
- Fault output
- Antenna tamper detect
- Timed status check-in for radio link supervision
- Multiple registration and programming options
- Tamper protection
- In excess of 24 hours of battery backup
- DC line voltage loss reporting

7845CZF
Cellular Fire Radio Control Channel Subscriber Transceiver

SPECIFICATIONS:

Electrical
- Voltage Input: 9.6–13.8VDC, 12VDC nominal
- DC current drain: 400mA (max), during transmit
- Rechargeable backup battery: lead acid 6V, 4.5Ah
- Trigger Input: Rated 12mA@ 12V nominal (negative trigger signal)

Mechanical
- Weight: 9.5 lbs
- Dimensions: 14.5" x 12.5" x 2.75"
- Operating Temperature: -30° to +60° C

UL/CUL Listings
- UL 609 - Local Burglar Alarm Units and Systems
- UL 365 - Police Station Connected Burglar Alarm Units and Systems
- UL 1610 - Central Station Burglar Alarm Units
- UL 1635 - Digital Alarm Communicator System Units
- UL 864 - Control Units For Fire-Protective Signaling Systems
- UL 1023 - Household Burglar Alarm System Units
- UL 985 - Household Fire Warming System Units
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- CAN/ULC-S303-M91 - Standard for Local Burglar Alarm Units and Systems
- CAN/ULC-S304-M88 - Standard for Central and Monitoring Station Burglar Alarm Units
- ULC Subject C1023-1974 - Preliminary Standard for Household Burglar Alarm System Units
- CAN/ULC-S545-M89 - Standard For Residential Fire Warning System Control Units
- MEA

Coverage Update
- www.alarmnet.com

ACCESSORIES

7720P
Programming Tool

7825-OC
Remote Antenna Kit

7720V2TR
DC Transformer

Internal Battery

7626-12
12' Extension Cable

7626-25HC
25' Extension Cable

7626-50HC
50' Extension Cable

AlarmNet Services

A	AlarmNet-A Original AlarmNet
M	AlarmNet-M Mobitex System
C	AlarmNet-C Control Channel Cellular
I	AlarmNet-i Internet

Ask your provider for the AlarmNet technology used in your area.

ORDERING:

7845CZF	Control Channel Cellular Subscriber Transceiver

1-800-645-7492
www.honeywell.com/security

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